

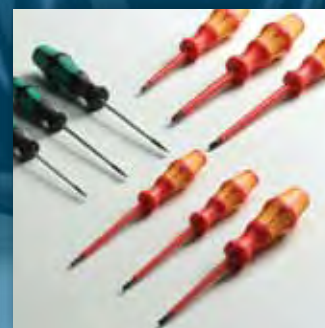
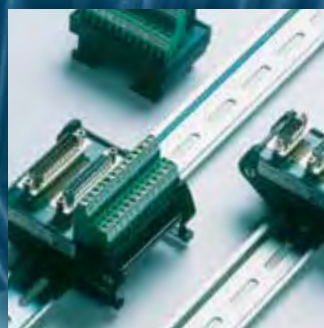
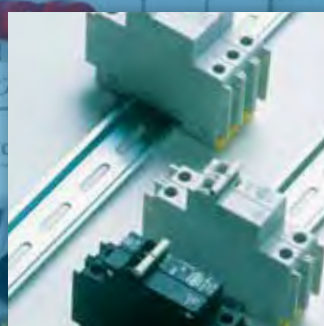


AMERICAN ELECTRICAL, INC. FULL LINE CATALOG

FOURTH EDITION

CONNECTION, POWER, & PROTECTION...FOR LESS

THINK *INSIDE* THE BOX





COMPANY HISTORY

AMERICAN ELECTRICAL, INC. WAS FOUNDED IN 1997 BY THOMAS MCCORMICK, FORMER VICE PRESIDENT OF SALES FOR WEIDMULLER, INC. THE COMPANY CONCEPT WAS BORN OVER LUNCH WITH FELLOW ASSOCIATES LITERALLY ON A NAPKIN. AMERICAN ELECTRICAL, INC. WAS DEVELOPED WITH A SPECIAL GERMAN SUPPLIER RELATIONSHIP – WHO AFTER A BUSINESS MEETING PROVIDED MCCORMICK WITH A PRICE LIST AND A HANDSHAKE. THE COMPANY FLOURISHED DUE TO STRONG FRIENDSHIPS, BUSINESS RELATIONSHIPS, AND PEOPLE WHO WERE UNAFRAID TO HELP A NEW ORGANIZATION GROW. MCCORMICK WILL NEVER FORGET THOSE SPECIAL PEOPLE AND DISTRIBUTORS WHO FIRST HELPED HIM GET STARTED – THANK YOU.

MCCORMICK DREAMED OF A COMPANY THAT RESPONDED QUICKLY, SHIPPED ON TIME AND PROVIDED QUALITY PRODUCTS AT A GREAT PRICE. HE ENVISIONED A WORKPLACE THAT WAS NOT COMPARTMENTALIZED, ONE WHERE EACH PERSON COULD BE RESPONSIBLE FOR THE CUSTOMER THROUGHOUT THE ENTIRE SPECIFICATION/ORDER CHAIN. HE FELT THE SATISFACTION OF THE EMPLOYEES WOULD CREATE A POWERFUL CUSTOMER SERVICE ENTITY WHICH IN RETURN WOULD CREATE CUSTOMER LOYALTY.

MCCORMICK BUILT THE PRODUCT LINES OFFERED BY PARTNERING WITH COMPANIES WHO SPECIALIZED IN A PRODUCT AREA BUT WERE SMALLER IN SCOPE – THE BUSINESSES THAT WERE LOOKING TO BREAK INTO THE U.S. INDUSTRIAL MARKET, BUT WITH NO INTENTIONS OF PUTTING UP BRICK AND MORTAR. TODAY, AMERICAN ELECTRICAL, INC. HAS 12 PRODUCT LINES AND IS STILL GROWING. OUR DEDICATED EMPLOYEES ALL WORK HARD TO SERVE OUR VALUED CUSTOMERS – HELPING THEM TO “THINK INSIDE THE BOX.”



QUALITY STATEMENT

AMERICAN ELECTRICAL, INC. IS A SUPPLIER OF HIGH QUALITY INDUSTRIAL ELECTRICAL COMPONENTS. ALL OF OUR PRODUCTS ARE MANUFACTURED IN ACCORDANCE TO INTERNATIONAL STANDARDS, SUCH AS UL, CSA, CE AND MORE.

RoHS (EU DIRECTIVE 2002/95/EC):

WE CERTIFY ALL OF OUR PRODUCTS COMPLY WITH THE RoHS DIRECTIVE OF JANUARY 27, 2003. ALL PRODUCT LINES ARE FREE OF BANNED SUBSTANCES TO INCLUDE LEAD, MERCURY, CADMIUM, HEXAVALENT CHROMIUM, PBB AND PBDE.



OUR CORE BELIEFS

WE HAVE AN ACRONYM WE CALL “FAST” THAT HAS BOTH A TRUE AND UNDERLYING MEANING. OF COURSE THE UNDERLYING MESSAGE TO OUR CUSTOMERS IS THAT WE TRY TO DO THINGS AS QUICKLY AS POSSIBLE. WHETHER THAT’S A QUOTATION, PRICE CHECK, AVAILABILITY QUESTION, SHIPPING OR INFORMATION REQUEST – WE DO IT NOW – WE KNOW AND UNDERSTAND THAT THERE ARE EAGER CUSTOMERS OR POTENTIAL CUSTOMERS WAITING ON US AND THEIR TIME IS AS VALUABLE AS OURS.

OUR WORD FAST ALSO HAS A DEFINITIVE MEANING:

F – TO BE FLEXIBLE IN OUR ABILITY TO SERVE THE CUSTOMER, TO BE ABLE TO EFFECTIVELY WEAR THE DIFFERENT “HATS” THAT ARE REQUIRED IN A SMALLER ORGANIZATION AND TO HAVE THE CUSTOMERS’ SERVICE ISSUES IN MIND AT ALL TIMES.

A – TO BE ACCURATE IN EVERYTHING WE DO – FROM SPECIFICATION TO DELIVERY. WE UNDERSTAND THE CONSEQUENCES OF MISTAKES AND THE DOMINO EFFECT THEY CAN HAVE ON THE PRACTICES OF OUR CUSTOMERS AND OUR COMBINED BUSINESSES. MISTAKES COST MONEY AND TIME. WE SEEK THE PROPER TRAINING TO INSURE THAT WE FOLLOW THE CORRECT PROCEDURES AND HAVE THE PRODUCT KNOWLEDGE NECESSARY TO BE CORRECT. WE KNOW THAT WE NEED TO DO IT RIGHT ALL THE TIME TO ELIMINATE THE NECESSITY TO DO IT OVER.

S – TO ACT WITH SPEED IN ALL THAT WE DO. WE KNOW THE CUSTOMER WAITS FOR OUR RESPONSE OR OUR PRODUCTS AND WE DO NOT NEED TO WASTE THAT TIME – FOR WE UNDERSTAND THAT TIME IS MONEY. WE WANT TO BE ABLE TO SHIP TODAY, QUOTE AND SPECIFY NOW, FAX IMMEDIATELY, CONFIRM ORDERS ON RECEIPT – RESPOND NOW. FOR WE KNOW THAT THIS WILL WIN OUR CUSTOMERS’ SUPPORT, FUTURE BUSINESS AND TRUST.

T – TO ACT AS A TEAM SO THAT OUR EFFORT IS MULTIPLIED TO PRODUCE A MUCH GREATER RESULT FOR OUR CUSTOMERS. TO HAVE THE POSITIVE ATTITUDE THAT IS SO COMMON IN WINNERS. THE UNDERSTANDING THAT PEOPLE WANT TO BE WINNERS AND WORK WITH WINNERS – WITH PEOPLE WHO ARE SUCCESSFUL NOT ONLY IN WHAT THEY DO BUT HOW THEY WORK TOGETHER. WE ARE A TEAM WHO ACTS AS ONE ON BEHALF OF OUR DEDICATED CUSTOMERS, WHOM WE WOULD BE NOTHING WITHOUT.





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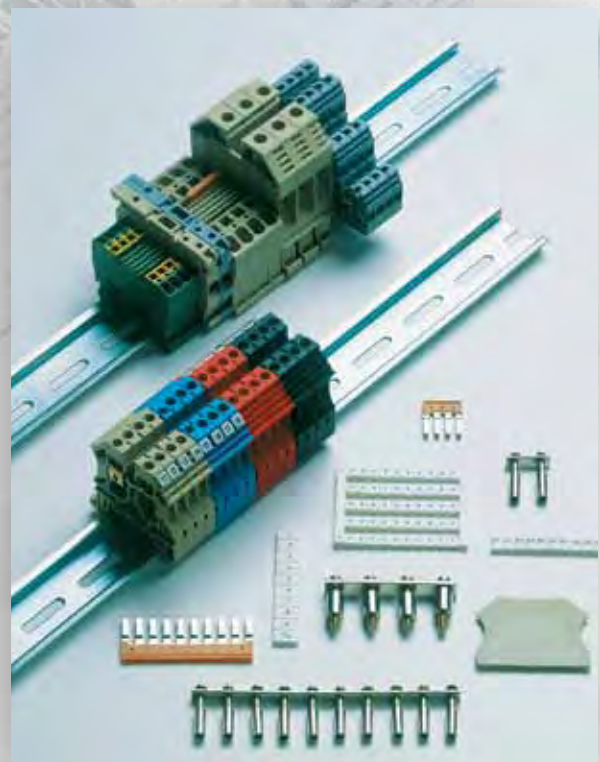
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DIN RAIL MOUNTED TERMINAL BLOCKS

AMERICAN ELECTRICAL OFFERS THE KLEMSAN LINE TERMINAL BLOCKS – SAVING TIME, SPACE, AND MONEY. THE TERMINAL BLOCKS ARE DIN RAIL MOUNTABLE AND CAN BE INSTALLED INTO VARIOUS CONFIGURATIONS QUICKLY. KLEMSAN HAS OVER 35 YEARS OF TERMINAL BLOCK HISTORY WITH ALL INTERNATIONAL APPROVALS. AMERICAN ELECTRICAL AND KLEMSAN PARTNERED IN 2002 TO BE THE FIRST AND ONLY SUPPLIER OF KLEMSAN TERMINAL BLOCKS IN THE UNITED STATES.

DIN RAIL MOUNTED TERMINAL BLOCKS ARE USED WORLDWIDE. OUR TERMINAL BLOCKS ARE USED IN ANY MACHINE OR PROCESS CONTROL INTERFACE APPLICATION.



MATERIALS AND FUNCTION

HOUSINGS – THE PLASTIC HOUSING HOLDING THE METALLIC SCREWS AND CLAMPS IS MADE OF UL 94 V2 (105 DEGREE C) THERMOPLASTIC POLYAMIDE 6.6. THIS PLASTIC AND ITS CERTIFICATION ALLOW OPERATION RATED AT 600V, PROVIDING AMPLE DIELECTRIC STRENGTH FOR ANY INDUSTRIAL APPLICATION.

CLAMPS (MADE OF STEEL) – STEEL IS ONE OF THE STRONGEST MATERIALS AVAILABLE FOR ITS VALUE. THE CLAMPS ARE ZINC PLATED TO GUARD AGAINST CORROSION. WHEN PROPERLY TORQUED, THE CLAMP IS DESIGNED TO SELF-LOCK.

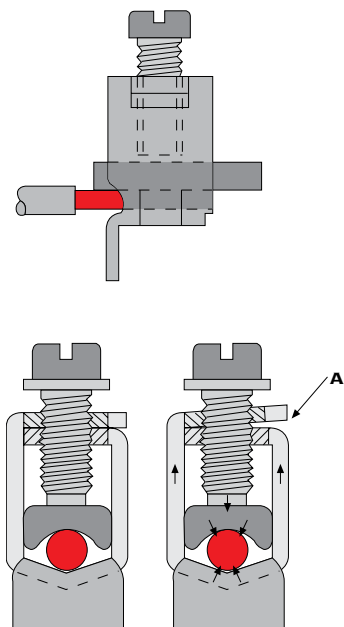
SCREWS – MADE OF STEEL AS WELL, THE SCREWS ACT AS A SYSTEM WITH THE CLAMPS – THIS SYSTEM REQUIRES THE SAME MATERIALS FOR EACH COMPONENT. THE SCREWS LIFT AND HELP TO SELF-LOCK THE CLAMPS PROVIDING A DOWNWARD FORCE ONTO THE CONDUCTORS. THE SCREWS ARE ALSO PLATED WITH A ZINC FINISH TO PREVENT ANY FORM OF CORROSION.

CONNECTION TYPES

SCREW CONNECTION

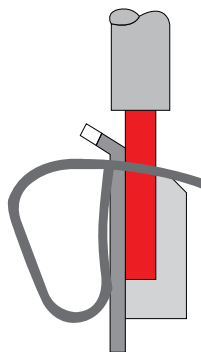
THIS IS THE MOST POPULAR OF ALL KNOWN CONNECTION METHODS. SCREW CONNECTION REFERS TO ANY CONNECTION IN WHICH THE CONDUCTOR IS STRIPPED OF ITS INSULATION AND CLAMPED WITHOUT ANY PREPARATION.

WHEN THE SCREW IS TIGHTENED, THE PRESSURE PULLS APART BOTH HALVES OF THE CLAMPING YOKE. THIS GENERATES A HIGH LOCKING ACTION ON THE SCREW AND PROVIDES EXCELLENT VIBRATION RESISTANCE.



TENSION CLAMP SYSTEM

TENSION CLAMP CONNECTION ALLOWS THE CONDUCTOR TO BE PRESSED DIRECTLY AGAINST THE CURRENT BAR. THE CLAMP IS OPENED WITH A SCREWDRIVER ALLOWING THE INSERTION OF THE CONDUCTOR.



ACCESSORIES



END PLATE – TERMINAL BLOCKS ARE MANUFACTURED WITH ONE OPEN END ALLOWING SIDE BY SIDE PLACEMENT. AN END PLATE IS NECESSARY FOR THE LAST TERMINAL BLOCK IN THE ASSEMBLY ENABLING FULL ENCLOSURE.



PARTITION – THE PARTITION ALLOWS VISUAL SEPARATION OF CIRCUITS AND FOR ELECTRICAL SEPARATION DUE TO ADJACENT CROSS CONNECTIONS.



END BRACKET – TO PREVENT TERMINAL BLOCKS FROM FALLING OFF THE DIN RAIL, THEY MUST BE SECURED ON EACH SIDE. THIS IS ACCOMPLISHED WITH END BRACKETS SCREWED ONTO THE RAIL. TWO END BRACKETS ARE NECESSARY – ONE ON EACH SIDE OF THE CONTINUOUS ASSEMBLY DESIGNED.



CROSS CONNECTIONS – CROSS CONNECTIONS DISTRIBUTE POTENTIALS WITHIN AN ASSEMBLY. STANDARD POLES OF 2, 3, 4, OR 10 ARE AVAILABLE TO SATISFY YOUR DESIGN REQUIREMENTS



MARKING TAG – MARKING TAGS ARE USED FOR CIRCUIT IDENTIFICATION AND EASIER TROUBLESHOOTING. WE HAVE MANY NUMBERS AND LETTERS AVAILABLE THAT WILL MAKE YOUR DESIGNED ASSEMBLY UNIQUE. HORIZONTAL MARKERS FOR DIN RAIL MOUNTED HORIZONTALLY AND VERTICAL FOR ASSEMBLIES MOUNTED VERTICALLY.





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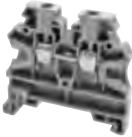
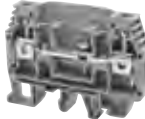
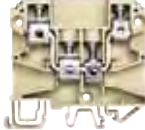
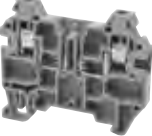
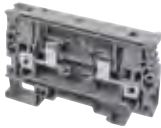
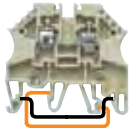
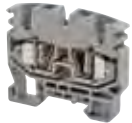
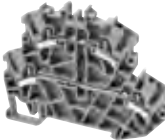
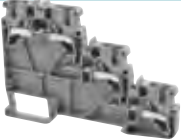
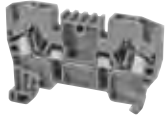
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AVK TYPE TERMINALS ARE MANUFACTURED FROM THERMOPLASTIC RAW MATERIAL. GREY BEING THE MAIN COLOR, FIVE DIFFERENT COLORS GIVE USERS ADDITIONAL CHOICES FOR VISUAL SEPARATION OF CONTROL CIRCUITS AND/OR VOLTAGE LEVELS.

COLORS	TERMINALS	END PLATE	PARTITION
	PART NUMBER	PART NUMBER	PART NUMBER
	AVK 2.5	NPP	APP
GREY	304 120	444 120	462 120
BLUE	304 121	444 121	462 121
GREEN	304 122	444 122	462 122
YELLOW	304 123	444 123	462 123
RED	304 124	444 124	462 124
BEIGE	304 129	444 129	462 129
	AVK 4	NPP	APP
GREY	304 130	444 120	462 120
BLUE	304 131	444 121	462 121
GREEN	304 132	444 122	462 122
YELLOW	304 133	444 123	462 123
RED	304 134	444 124	462 124
BEIGE	304 139	444 129	462 129
	AVK 6	NPP	APP
GREY	304 140	444 120	462 120
BLUE	304 141	444 121	462 121
GREEN	304 142	444 122	462 122
YELLOW	304 143	444 123	462 123
RED	304 144	444 124	462 124
BEIGE	304 149	444 129	462 129
	AVK 10	NPP	APP
GREY	304 150	444 120	462 120
BLUE	304 151	444 121	462 121
GREEN	304 152	444 122	462 122
YELLOW	304 153	444 123	462 123
RED	304 154	444 124	462 124
BEIGE	304 159	444 129	462 129

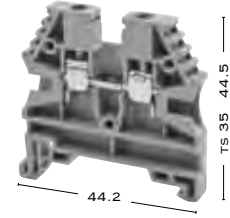
AVK SERIES

FEED-THROUGH TERMINAL BLOCKS AND ACCESSORIES



AVK 2.5

WIDTH 5 MM
304 120



TORQUE: 0.4 NM

ELECTRICAL RATINGS

TSE / CE (EN 60947-7-1)
VDE / VDE (IEC 60947-7-1)
UL / CSA
ATEX

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.
AWG CONDUCTOR / FINE STRAND WITH FERRULE
INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66 GREY

MOUNTING RAILS

TS 35X7.5 SOLID
TS 35X7.5 SLOTTED

TS 35X15 SOLID
TS 35X15 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

END BRACKET

THICKNESS 8MM
KD 3



GREY

END PLATE - DISCONNECT PLATE

WIDTH 1.5 MM
POLYAMIDE 66



NPP



APP

GREY

GREY

SMALL PARTITION



GREY

CROSS CONNECTION



TEST PLUG-SOC. / INS. TEST SOC.

TF

ITK

T5K



WARNING LABEL

IP



WITH SYMBOL
WITHOUT SYMBOL

GROUP MARKING

GE



GE2



GREY

TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

SEE PAGES 104 & 105 FOR FURTHER DETAIL

VOLTAGE/CURRENT/CROSS-SECTION

750 V ~ / 24 A / 2.5 MM²
750 V ~ / 24 A / 2.5 MM²
600 V ~ / 20 A / AWG 26 - 12 (CSA: AWG 28 - 12)
630 V ~ / 23 A

0.5 - 4 MM² / 0.5 - 4 MM²
26 - 12 / 0.5 - 2.5 MM²
10 MM / 0.4 NM (CSA: 0.5 NM)

TYPE	PART. No.	QTY.
AVK 2.5	304 120	100

TYPE	PART. No.	STD. PK.
SLOTTED		
35X7.5	TS3575SL	2M
35X7.5	TS3575SL1	1M
35X7.5	TS3575SL1-A	1M
35X15	TS3515SL	2M
SOLID		
35X7.5	TS3575SOL	2M
35X15	TS3515SOL	2M

KD 3	495 049	100
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NPP 2.5-10	444 120	100
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APP 2.5-10	462 120	25
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AD1	467 919	100
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UK 2.5/2	474 122	25
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UK 2.5/3	474 123	20
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UK 2.5/4	474 124	15
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UK 2.5/10	474 129	5
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TF (Ø2)	493 020	5
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IP 2 S	498 130	25
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IP 2	498 140	25
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GE	496 119	50
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GE 2	496 250	25
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0.2 - 4 MM ² / 4 MM ² / 32 A
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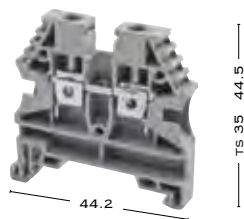
8 kV / 3

1 / B3

IP 20 / -

AVK 4

WIDTH 6 MM
304 130



TORQUE: 0.5 NM

VOLTAGE/CURRENT/CROSS-SECTION
750 V ~ / 32 A / 4 MM ²
750 V ~ / 32 A / 4 MM ²
600 V ~ / 30 A / AWG 26 - 10 (CSA: AWG 28 - 10)
630 V ~ / 30,5 A

0.5 - 6 MM² / 0.5 - 6 MM²
26 - 10 / 0.5 - 4 MM²
10 MM / 0.5 NM (CSA: 0.8 NM)

TYPE	PART. No.	QTY.
AVK 4	304 130	100
TYPE	PART. No.	STD. PK.

SLOTTED		
35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M

KD 3	495 049	100
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NPP 2.5-10	444 120	100
------------	----------------	-----

APP 2.5-10	462 120	25
------------	----------------	----

AD1	467 919	100
-----	----------------	-----

UK 4/2	474 132	25
UK 4/3	474 133	20
UK 4/4	474 134	15
UK 4/10	474 139	5

TF (Ø2.3)	493 023	5
TF (Ø4)	493 040	5
TSK 4 (Ø2.3)	490 040	5
TSK 7 (Ø4)	490 070	5
ITK 28 (Ø4)	492 010	5

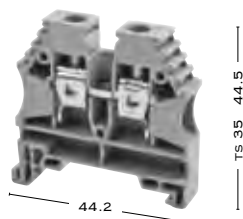
IP 2 S	498 130	25
IP 2	498 140	25

GE	496 119	50
GE 2	496 250	25

0.2 - 6 MM² / 6 MM² / 41 A
8 kV / 3
1 / B4
IP 20 / -

AVK 6

WIDTH 8 MM
304 140



TORQUE: 0.8 NM

VOLTAGE/CURRENT/CROSS-SECTION
630 V ~ / 41 A / 6 MM ²
630 V ~ / 41 A / 6 MM ²
600 V ~ / 50 A / AWG 26 - 8 (CSA: 40A / AWG 28 - 8)
630 V ~ / 41 A

0.5 - 10 MM² / 0.5 - 10 MM²
26 - 8 / 0.5 - 6 MM²
12 MM / 0.8 NM (CSA: 1.2 NM)

TYPE	PART. No.	QTY.
AVK 6	304 140	100
TYPE	PART. No.	STD. PK.

SLOTTED		
35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M

KD 3	495 049	100
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NPP 2.5-10	444 120	100
------------	----------------	-----

APP 2.5-10	462 120	25
------------	----------------	----

AD1	467 919	100
-----	----------------	-----

UK 6/2	474 142	25
UK 6/3	474 143	20
UK 6/4	474 144	15
UK 6/10	474 149	5

TF (Ø2.3)	493 023	5
TF (Ø4)	493 040	5
TSK 4 (Ø2.3)	490 040	5
TSK 7 (Ø4)	490 070	5
ITK 28 (Ø4)	492 010	5

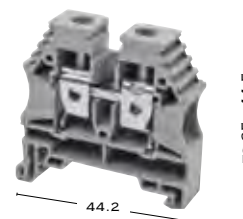
IP 2 S	498 130	25
IP 2	498 140	25

GE	496 119	50
GE 2	496 250	25

0.2 - 10 MM² / 10 MM² / 57 A
8 kV / 3
1 / B5
IP 20 / -

AVK 10

WIDTH 10MM
304 150



TORQUE: 1.2 NM

VOLTAGE/CURRENT/CROSS-SECTION
630 V ~ / 57 A / 10 MM ²
630 V ~ / 57 A / 10 MM ²
600 V ~ / 65 A / AWG 16 - 6
630 V ~ / 57 A

1.5 - 16 MM² / 1.5 - 16 MM²
16 - 6 / 1.5 - 10 MM²
12 MM / 1.2 NM (CSA: 1.4 NM)

TYPE	PART. No.	QTY.
AVK 10	304 150	100
TYPE	PART. No.	STD. PK.

SLOTTED		
35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M

KD 3	495 049	100
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NPP 2.5-10	444 120	100
------------	----------------	-----

APP 2.5-10	462 120	25
------------	----------------	----

AD1	467 919	100
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UK 10/2	474 152	25
UK 10/3	474 153	20
UK 10/4	474 154	15
UK 10/10	474 159	5

TF (Ø2.3)	493 023	5
TF (Ø4)	493 040	5
TSK 4 (Ø2.3)	490 040	5
TSK 7 (Ø4)	490 070	5
ITK 28 (Ø4)	492 010	5

IP 2 S	498 130	25
IP 2	498 140	25

GE	496 119	50
GE 2	496 250	25

0.5 - 16 MM² / 16 MM² / 76 A
8 kV / 3
1 / B6
IP 20 / -



AVK TYPE TERMINALS ARE MANUFACTURED FROM THERMOPLASTIC RAW MATERIAL. GREY BEING THE MAIN COLOR, FIVE DIFFERENT COLORS GIVE USERS ADDITIONAL CHOICES FOR VISUAL SEPARATION OF CONTROL CIRCUITS AND/OR VOLTAGE LEVELS.

COLORS	TERMINALS	END PLATE	PARTITION
	PART NUMBER	PART NUMBER	PART NUMBER
	AVK 16	NPP	APP
GREY	304 160	444 120	462 120
BLUE	304 161	444 121	462 121
GREEN	304 162	444 122	462 122
YELLOW	304 163	444 123	462 123
RED	304 164	444 124	462 124
BEIGE	304 169	444 129	462 129
	AVK 16 RD	NPP	APP
GREY	304 240	444 120	462 120
BLUE	304 241	444 121	462 121
GREEN	304 242	444 122	462 122
YELLOW	304 243	444 123	462 123
RED	304 244	444 124	462 124
BEIGE	304 249	444 129	462 129
	AVK 25 RD	NPP	APP
GREY	304 290	444 120	462 120
BLUE	304 291	444 121	462 121
GREEN	304 292	444 122	462 122
YELLOW	304 293	444 123	462 123
RED	304 294	444 124	462 124
BEIGE	304 299	444 129	462 129
	AVK 35 RD	NPP	APP
GREY	304 250	444 120	462 120
BLUE	304 251	444 121	462 121
GREEN	304 252	444 122	462 122
YELLOW	304 253	444 123	462 123
RED	304 254	444 124	462 124
BEIGE	304 259	444 129	462 129
	AVK 35 IRD	NPP	APP
GREY	304 260	444 120	462 120
BLUE	304 261	444 121	462 121
GREEN	304 262	444 122	462 122
YELLOW	304 263	444 123	462 123
RED	304 264	444 124	462 124
BEIGE	304 269	444 129	462 129

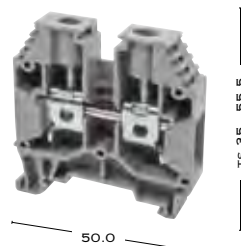
AVK SERIES

FEED-THROUGH TERMINAL BLOCKS AND ACCESSORIES



AVK 16

WIDTH 12 MM
304 160



TORQUE: 1.2 NM

ELECTRICAL RATINGS

TSE / CE (EN 60947-7-1)
VDE / VDE (IEC 60947-7-1)
UL / CSA
ATEX

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.
AWG CONDUCTOR / FINE STRAND WITH FERRULE
INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66 GREY

MOUNTING RAILS

TS 35X7.5 SOLID
TS 35X7.5 SLOTTED

TS 35X15 SOLID
TS 35X15 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

END BRACKET

THICKNESS 8MM
KD 3



GREY

END PLATE - DISCONNECT PLATE

WIDTH 1.5 MM -
POLYAMIDE 66



NPP/AVK 16 RD



APP/AVK 16 RD

GREY

GREY

SMALL PARTITION



GREY

CROSS CONNECTION



TEST PLUG-Soc. / INS. TEST Soc.



TF

ITK

T5K

WARNING LABEL

IP



WITH SYMBOL
WITHOUT SYMBOL

GROUP MARKING

GE



GE2



GREY

TECHNICAL DATA

- MAX.CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

SEE PAGES 104 & 105 FOR FURTHER DETAIL

VOLTAGE/CURRENT/CROSS-SECTION

750 V ~ / 76 A / 16 MM²
750 V ~ / 76 A / 16 MM²
600 V ~ / 85 A / AWG 12-4
630 V ~ / 71 A

1.5 - 25 MM² / 1.5 - 25 MM²
12 - 4 / 1.5 - 16 MM²
16 MM / 1.2 NM

TYPE	PART. No.	QTY.
AVK 16	304 160	50

TYPE	PART. No.	STD. PK.
SLOTTED		
35X7.5	TS3575SL	2M
35X7.5	TS3575SL1	1M
35X7.5	TS3575SL1-A	1M
35X15	TS3515SL	2M
SOLID		
35X7.5	TS3575SOL	2M
35X15	TS3515SOL	2M

KD 3	495 049	100
------	----------------	-----

NPP/AVK 16	444 160	100
------------	----------------	-----

APP/AVK 16	462 160	100
------------	----------------	-----

UK 16/2	474 162	25
UK 16/3	474 163	20
UK 16/4	474 164	15
UK 16/10	474 169	5

TF (Ø4)	493 040	5
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TSK 8 (Ø4)	490 080	5
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ITK 32 (Ø4)	492 020	5
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IP 2 S	498 130	25
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IP 2	498 140	25
------	----------------	----

GE	496 119	50
----	----------------	----

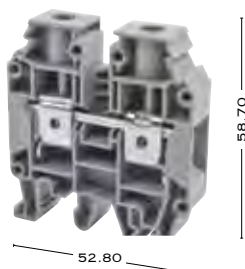
GE 2	496 250	25
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1.5 - 25 MM² / 25 MM² / 101 A

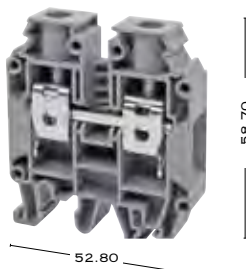
8 kV / 3

1 / B7

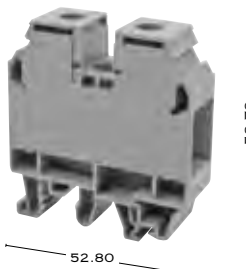
IP 20 / -

AVK 16 RDWIDTH 12 MM
304 240

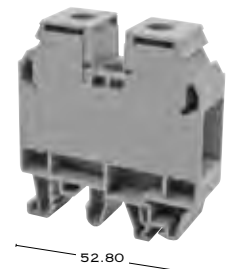
TORQUE: 1.2 NM

AVK 25 RDWIDTH 12 MM
304 290

TORQUE: 1.5 NM

AVK 35 RDWIDTH 16 MM
304 250

TORQUE: 2.5 NM

AVK 35 IRDWIDTH 16 MM
304 260

TORQUE: 3 NM

VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION		
750 V ~ / 76 A / 16 MM ²			750 V ~ / 101 A / 25 MM ²			750 V ~ / 125 A / 35 MM ²			750 V ~ / 125 A / 35 MM ²		
750 V ~ / 76 A / 16 MM ²						750 V ~ / 125 A / 35 MM ²					
600 V ~ / 80 A / AWG 12-4						600 V ~ / 115 A / AWG 12 - 2			600 V ~ / 115 A / AWG 12 - 2		
630 V ~ / 76 A						630 V ~ / 125 A					
1.5 - 25 MM ² / 1.5 - 25 MM ²			1.5 - 35 MM ² / 1.5 - 35 MM ²			1.5 - 50 MM ² / 1.5 - 35 MM ²			1.5 - 50 MM ² / 1.5 - 35 MM ²		
12 - 4 / 1.5 - 16 MM ²			12 - 2 / 1.5 - 16 MM ²			12 - 2 / 1.5 - 35 MM ²			12 - 2 / 1.5 - 35 MM ²		
16 MM / 1.2 NM			16 MM / 1.5 NM			18 MM / 2.5 NM			18 MM / 3 NM		
TYPE	PART. NO.	QTY.	TYPE	PART. NO.	QTY.	TYPE	PART. NO.	QTY.	TYPE	PART. NO.	QTY.
AVK 16 RD	304 240	50	AVK 25 RD	304 290	50	AVK 35 RD	304 250	40	AVK 35 IRD	304 260	40
TYPE	PART. NO.	STD. PK.	TYPE	PART. NO.	STD. PK.	TYPE	PART. NO.	STD. PK.	TYPE	PART. NO.	STD. PK.
SLOTTED			SLOTTED			SLOTTED			SLOTTED		
35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M	35x15	TS3515SL	2M	35x15	TS3515SL	2M	35x15	TS3515SL	2M
SOLID			SOLID			SOLID			SOLID		
35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M	35x15	TS3515SOL	2M	35x15	TS3515SOL	2M	35x15	TS3515SOL	2M
KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100
NPP/AVK 16 RD	444 170	100	NPP/AVK 25 RD	450 250	100	APP/AVK 35 RD	462 180	25	APP/AVK 35 IRD	462 180	25
						APP/AVK 35 RD	462 181	25	APP/AVK 35 IRD	462 181	25
APP/AVK 16 RD	462 170	25				APP/AVK 35 RD	462 182	25	APP/AVK 35 IRD	462 182	25
						APP/AVK 35 RD	462 183	25	APP/AVK 35 IRD	462 183	25
						APP/AVK 35 RD	462 184	25	APP/AVK 35 IRD	462 184	25
						APP/AVK 35 RD	462 189	25	APP/AVK 35 IRD	462 189	25
UK 16/2	474 162	25	UK 16/2	474 162	25	UK 35/2	474 172	25	UK 35/2	474 172	25
UK 16/3	474 163	20	UK 16/3	474 163	20	UK 35/3	474 173	20	UK 35/3	474 173	20
UK 16/4	474 164	15	UK 16/4	474 164	15	UK 35/4	474 174	15	UK 35/4	474 174	15
UK 16/10	474 169	5	UK 16/10	474 169	5	UK 35/10	474 179	5	UK 35/10	474 179	5
TF (Ø4)	493 040	5	TF (Ø4)	493 040	5	TF (Ø4)	493 040	5	TF (Ø4)	493 040	5
TSK 8 (Ø4)	490 080	5	TSK 8 (Ø4)	490 080	5	TSK 9 (Ø4)	490 090	5	TSK 9 (Ø4)	490 090	5
ITK 32 (Ø4)	492 020	5	ITK 32 (Ø4)	492 020	5						
IP 2 S	498 130	25	IP 2 S	498 130	25	IP 2 S	498 130	25	IP 2 S	498 130	25
IP 2	498 140	25	IP 2	498 140	25	IP 2	498 140	25	IP 2	498 140	25
GE	496 119	50	GE	496 119	50	GE	496 119	50	GE	496 119	50
GE 2	496 250	25	GE 2	496 250	25	GE 2	496 250	25	GE 2	496 250	25
1.5 MM ² / 25 MM ² - 25 MM ² / 32 A			1.5 MM ² / 25 MM ² - 25 MM ² / 32 A			1.5 MM ² / 50 MM ² - 50 MM ² / 125 A			1.5 MM ² / 50 MM ² - 50 MM ² / 125 A		
8 kV / 3			8 kV / 3			8 kV / 3			8 kV / 3		
1 / B7			1 / B7			1 / B9			1 / B9		
IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		



AVK T SERIES

GROUND TERMINAL BLOCKS

THE STRICT IEC REQUIREMENT IMPOSED ON GROUND CONNECTIONS, SUCH AS LOW CONTACT RESISTANCE, CORROSION-FREE CONNECTION POINTS, SECURED SCREWS, GREEN-YELLOW COLOR CODING AND CLEAR CIRCUIT IDENTIFICATION ARE FULLY OBSERVED BY THE KLEMSAN GROUND TERMINAL BLOCKS

THE STRUCTURAL DESIGN OF THE GROUND TERMINAL BLOCK IS BASED ON MOUNTING RAILS WHEN USED NOT ONLY MECHANICALLY, BUT ALSO ELECTRICALLY. SINCE THESE TERMINAL BLOCKS ARE PROPERLY INSULATED, IT IS POSSIBLE TO POSITION THE GROUND TERMINAL BLOCK DIRECTLY NEXT TO THE CURRENT CARRYING TERMINALS.

WHEN DIN RAILS ARE MOUNTED TO METALLIC CABINETRY AND PROPERLY CONNECTED TO EARTH, THE PROPER GROUNDING PROCESS IS COMPLETE.



ELECTRICAL RATINGS

TSE / CE (EN 60947-7-2)
VDE (IEC 60947-7-1) / IEC 60947-7-2
UL / CSA
ATEX

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.
AWG CONDUCTOR / FINE STRAND WITH FERRULE
INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66 YELLOW-GREEN

MOUNTING RAILS

TS 35x7.5 SOLID TS 35x15 SOLID
TS 35x7.5 SLOTTED TS 35x15 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

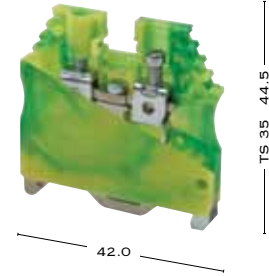
END BRACKET

THICKNESS 8MM
KD 3



AVK 2.5 / 4T

WIDTH 6 MM
334 120



TORQUE: 0.5 NM

VOLTAGE/CURRENT/CROSS-SECTION

-V~ / -A / 4MM²
-V~ / -A / 4MM²
-V~ / -A / AWG 26-10 (CSA: AWG 28-10)
630 V

0.5 - 6 MM² / 0.5 - 6 MM²

26 - 10 / 0.5 - 4 MM²

10 MM / 0.5 NM (CSA: 0.8 NM)

TYPE	PART. No.	QTY.
AVK 2.5/4 T	334 120	50

TYPE	PART. No.	STD. PK.
SLOTTED		

35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M

KD 3	495 049	100
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GROUP MARKING

GE



GREY

TECHNICAL DATA

- MAX.CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

SEE PAGES 104 & 105 FOR FURTHER DETAIL

GE	496 119	50
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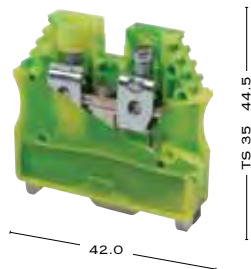
0.2 - 4 MM² / 6 MM² -

8 kV / 3

1 / B4

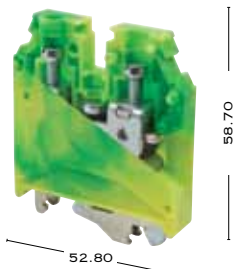
IP 20 / PE

WIDTH 10 MM
334 140



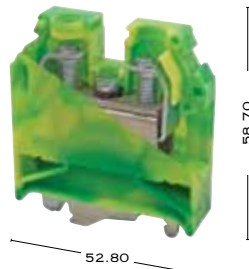
TORQUE: 1.2 NM

WIDTH 12 MM
334 200



TORQUE: 1.2 NM

WIDTH 16MM
334 210



TORQUE: 2.5 NM

WIDTH 20MM
334 190



TORQUE: 6 NM

15



AVK RD SERIES

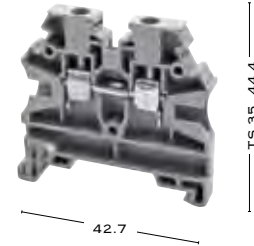
FEED-THROUGH TERMINAL BLOCKS AND ACCESSORIES

AVK TYPE TERMINALS ARE MANUFACTURED FROM THERMOPLASTIC RAW MATERIAL. GREY BEING THE MAIN COLOR, FIVE DIFFERENT COLORS GIVE USERS ADDITIONAL CHOICES FOR VISUAL SEPARATION OF CONTROL CIRCUITS AND/OR VOLTAGE LEVELS.

COLORS	TERMINALS	END PLATE	PARTITION
	PART NUMBER	PART NUMBER	PART NUMBER
	AVK 2.5 RD	NPP	APP
GREY	304 200	444 120	462 120
BLUE	304 201	444 121	462 121
GREEN	304 202	444 122	462 122
YELLOW	304 203	444 123	462 123
RED	304 204	444 124	462 124
BEIGE	304 209	444 129	462 129
	AVK 4 RD	NPP	APP
GREY	304 210	444 120	462 120
BLUE	304 211	444 121	462 121
GREEN	304 212	444 122	462 122
YELLOW	304 213	444 123	462 123
RED	304 214	444 124	462 124
BEIGE	304 219	444 129	462 129
	AVK 25 CC	NPP	
GREY	324 909	444 130	
BEIGE	304 900	444 139	
	AVK 4 C	NPP	
GREY	325 109	450 170	
BEIGE	325 100	450 179	
	AVK 4 GD	NPP	
GREY	304 279	444 140	
BEIGE	304 270	444 149	

AVK 2.5 RD

WIDTH 5 MM
304 200



TORQUE: 0.4 NM



ELECTRICAL RATINGS

CE (EN 60947-7-1)
VDE (IEC 60947-7-1)
UL / CSA
ATEX

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.
AWG CONDUCTOR / FINE STRAND WITH FERRULE
INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66 GREY

MOUNTING RAILS

TS 35X7.5 SOLID
TS 35X7.5 SLOTTED

TS 35X15 SOLID
TS 35X15 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

END BRACKET

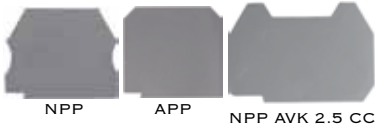
THICKNESS 8MM
KD 3



GREY

END PLATE - DISCONNECT PLATE

WIDTH 1.5 MM
POLYAMIDE 66



SMALL PARTITION



GREY

CROSS CONNECTION



480 ...



476 ...

TEST PLUG-SOC. / INS. TEST SOC.

TF

ITK

T5K



WARNING LABEL

IP



WITH SYMBOL
WITHOUT SYMBOL

GROUP MARKING

GE



GE2



GREY

TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

SEE PAGES 104 & 105 FOR FURTHER DETAIL

VOLTAGE/CURRENT/CROSS-SECTION

750 V ~ / 24 A / 2.5 MM²
750 V ~ / 24 A / 2.5 MM²
600 V ~ / 20 A / AWG 26-12
630 V ~ / 23 A

0.5 - 4 MM² / 0.5 - 4 MM²
26 - 12 / 0.5 - 2.5 MM²
10 MM / 0.4 NM

TYPE	PART. No.	QTY.
AVK 2.5 RD	304 200	100
TYPE	PART. No.	STD. PK.

SLOTTED		
35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M

KD 3	495 049	100
------	----------------	-----

NPP 2.5-10	444 120	100
------------	----------------	-----

APP 2.5-10	462 120	25
------------	----------------	----

UK 2.5/2	476 222	25
UK 2.5/3	476 223	20
UK 2.5/4	476 224	15
UK 2.5/10	476 229	5

TF (Ø4)	493 040	5
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TSK 8 (Ø4)	490 080	5
------------	----------------	---

ITK 32 (Ø4)	492 020	5
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IP 2 S	498 130	25
--------	----------------	----

IP 2	498 140	25
------	----------------	----

GE	496 119	50
----	----------------	----

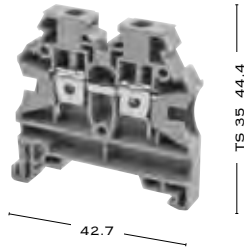
GE 2	496 250	25
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0.2 - 4 MM ² / 4 MM ² - 32 A
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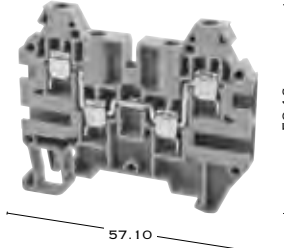
8 kV / 3

1 / B3

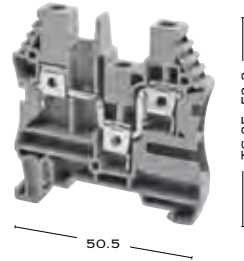
IP 20 / -

AVK 4 RDWIDTH 6 MM
304 210

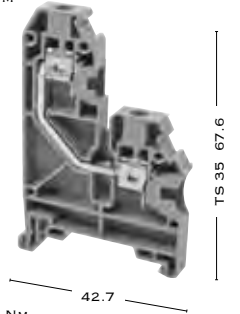
TORQUE: 0.5 NM

AVK 2.5 CCWIDTH 5 MM
324 909

TORQUE: 0.5 NM

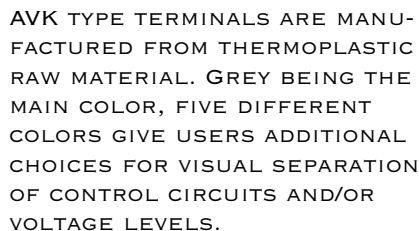
AVK 4 CWIDTH 6 MM
325 109

TORQUE: 0.5 NM

AVK 4 GDWIDTH 6 MM
304 279

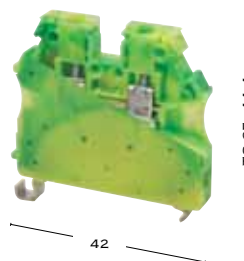
TORQUE: 0.5 NM

VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION		
750 V ~ / 32 A / 4 MM²			750 V ~ / 24 A / 2.5 MM²			750 V ~ / 32 A / 4 MM²			500 V ~ / 24 A / 4 MM²		
750 V ~ / 32 A / 4 MM²											
600 V ~ / 30 A / AWG 26-10			600 V ~ / 20 A / AWG 26-12			600 V ~ / 30 A / AWG 22 - 10					
630 V ~ / 29 A			630 V ~ / 23 A			630 V ~ / 29.5 A			500 V ~ / 30 A		
0.5 - 6 MM² / 0.5 - 6 MM²			0.5 - 4 MM² / 0.5 - 4 MM²			0.5 - 6 MM² / 0.5 - 6 MM²			0.5 - 6 MM² / 0.5 - 6 MM²		
26 - 10 / 0.5 - 4 MM²			26 - 12 / 0.5 - 2.5 MM²			26 - 10 / 0.5 - 4 MM²			26 - 10 / 0.5 - 4 MM²		
10 MM / 0.5 NM			10 MM / 0.5 NM			10 MM / 0.5 NM			9 MM / 0.5 NM		
TYPE	PART. NO.	QTY.	TYPE	PART. NO.	QTY.	TYPE	PART. NO.	QTY.	TYPE	PART. NO.	QTY.
AVK 4 RD	304 210	100	AVK 2.5 CC	324 909	100	AVK 4 C	325 109	50	AVK 4 GD	304 279	100
TYPE	PART. NO.	STD. PK.	TYPE	PART. NO.	STD. PK.	TYPE	PART. NO.	STD. PK.	TYPE	PART. NO.	STD. PK.
SLOTTED			SLOTTED			SLOTTED			SLOTTED		
35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M	35x15	TS3515SL	2M	35x15	TS3515SL	2M	35x15	TS3515SL	2M
SOLID			SOLID			SOLID			SOLID		
35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M	35x15	TS3515SOL	2M	35x15	TS3515SOL	2M	35x15	TS3515SOL	2M
KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100
NPP 2.5-10	444 120	100	NPP/AVK25CC	444 139	25	NPP AVK 4C	450 170	10	NPP AVK 4 GD	444 140	25
APP 2.5-10	462 120	25									
UK 4/2	476 232	25	UK 2.5/2	476 222	25	UK 4/2	480 142	25	UK 4/2	476 232	25
UK 4/3	476 233	20	UK 2.5/3	476 223	20	UK 4/3	480 143	20	UK 4/3	476 233	20
UK 4/4	476 234	15	UK 2.5/4	476 224	15	UK 4/4	480 144	15	UK 4/4	476 234	15
UK 4/10	476 239	5	UK 2.5/10	476 229	5	UK 4/10	480 149	5	UK 4/10	476 239	5
TF (Ø4)	493 040	5	TF (Ø4)	493 040	5	TF (Ø4)	493 040	5	TF (Ø4)	493 040	5
TSK 8 (Ø4)	490 080	5	TSK 8 (Ø4)	490 080	5	TSK 9 (Ø4)	490 090	5	TSK 9 (Ø4)	490 090	5
ITK 32 (Ø4)	492 020	5	ITK 32 (Ø4)	492 020	5						
IP 2 S	498 130	25	IP 2 S	498 130	25	IP 2 S	498 130	25	IP 2 S	498 130	25
IP 2	498 140	25	IP 2	498 140	25	IP 2	498 140	25	IP 2	498 140	25
GE	496 119	50	GE	496 119	50	GE	496 119	50	GE	496 119	50
GE 2	496 250	25	GE 2	496 250	25	GE 2	496 250	25	GE 2	496 250	25



GROUND TERMINAL BLOCKS AND ACCESSORIES

WIDTH 5.75 MM
334 170



TORQUE: 0.5 NM



NPP

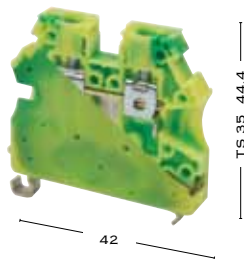
474 ...

WITH SYMBOL
WITHOUT SYMBOL

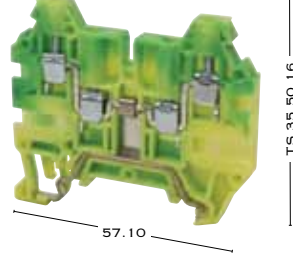
GE

GREY

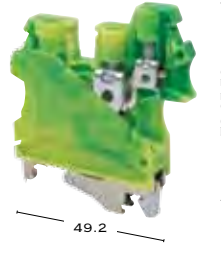
SEE PAGES 104 & 105 FOR FURTHER DETAIL

AVK 4 T RDWIDTH 6.2 MM
334 180

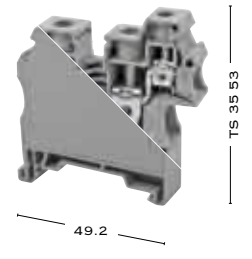
TORQUE: 0.5 NM

AVK 2.5 CCTWIDTH 5 MM
334 220

TORQUE: 0.5 NM

AVK 10 T RD 4WIDTH 10MM
334 230

TORQUE: 1.5 NM

AVK 10 RD 4WIDTH 10MM
334 289

TORQUE: 1.5 NM

VOLTAGE/CURRENT/CROSS-SECTION- V / ~ A / 4 MM²- V / ~ A / 4 MM²

- V / ~ A / AWG 26-10

630 V

0.5 - 6 MM² / 0.5 - 6 MM²26 - 10 / 0.5 - 4 MM²

10 MM / 0.5 NM

TYPE

PART. No.

QTY.

AVK 4 TRD

334 180

50

TYPE

PART. No.

STD. PK.

SLOTTED

35x7.5

TS3575SL

2M

35x7.5

TS3575SL1

1M

35x7.5

TS3575SL1-A

1M

35x15

TS3515SL

2M

SOLID

35x7.5

TS3575SOL

2M

35x15

TS3515SOL

2M

KD 3

495 049

100

VOLTAGE/CURRENT/CROSS-SECTION- V / ~ A / 2.5 MM²

- V / ~ A / AWG 26-12

630 V

0.5 - 4 MM² / 0.5 - 4 MM²26 - 12 / 0.5 - 2.5 MM²

10 MM / 0.5 NM

TYPE

PART. No.

QTY.

AVK 2.5 CCT

334 220

25

TYPE

PART. No.

STD. PK.

SLOTTED

35x7.5

TS3575SL

2M

35x7.5

TS3575SL1

1M

35x7.5

TS3575SL1-A

1M

35x15

TS3515SL

2M

SOLID

35x7.5

TS3575SOL

2M

35x15

TS3515SOL

2M

KD 3

495 049

100

NPP AVK 2.5CCT **444 132T**

25

VOLTAGE/CURRENT/CROSS-SECTION- V / ~ A / 10-4 MM²1.5 - 16 MM² / 1.5 - 16 MM²16 - 6 / 0.5 - 10 MM²

10-7 MM / 1.5 NM

TYPE

PART. No.

QTY.

AVK 10 TRD

334 230

60

TYPE

PART. No.

STD. PK.

SLOTTED

35x7.5

TS3575SL

2M

35x7.5

TS3575SL1

1M

35x7.5

TS3575SL1-A

1M

35x15

TS3515SL

2M

SOLID

35x7.5

TS3575SOL

2M

35x15

TS3515SOL

2M

KD 3

495 049

100

VOLTAGE/CURRENT/CROSS-SECTION800 V ~ / 57 A / 4 MM²1.5 - 16 MM² / 1.5 - 16 MM²16 - 6 / 0.5 - 10 MM²

10-7 MM / 1.5 NM

TYPE

PART. No.

QTY.

AVK 10 RD 4

334 289

60

TYPE

PART. No.

STD. PK.

SLOTTED

35x7.5

TS3575SL

2M

35x7.5

TS3575SL1

1M

35x7.5

TS3575SL1-A

1M

35x15

TS3515SL

2M

SOLID

35x7.5

TS3575SOL

2M

35x15

TS3515SOL

2M

KD 3

495 049

100

UK 10/2

474 152

25

UK 10/3

474 153

20

UK 10/4

474 154

15

UK 10/10

474 159

5

IP 2 S

498 130

25

IP 2

498 140

25

IP 2 S

498 130

25

IP 2

498 140

25

IP 2 S

498 130

25

IP 2

498 140

25

IP 2 S

498 130

25

IP 2

498 140

25

GE

496 119

50

GE 2

496 250

25

GE

496 119

50

GE 2

496 250

25

GE

496 119

50

GE 2

496 250

25

GE

496 119

50

GE 2

496 250

25

0.2 - 6 MM² /-....

8 kV / 3

1 / B4

IP 20 / PE

0.2 - 4 MM² /-....

8 kV / 3

1 / B3

IP 20 / PE

0.5 - 16 MM² /-....

8 kV / 3

1 / B6-A4

IP 20 / -

0.5 - 16 MM² / 16 MM² - 76A

6 kV / 3

1 / B6-A4

IP 20 / -



MVK TYPE TERMINALS ARE MANUFACTURED FROM THERMOPLASTIC RAW MATERIAL. GREY BEING THE MAIN COLOR.

COLORS	TERMINALS	END PLATE
	PART NUMBER	PART NUMBER
	MVK 2.5	NPP
GREY	304 429	444 429
BEIGE	304 420	444 420
	MVK 4	NPP
GREY	304 439	444 429
BEIGE	304 430	444 420

MVK SERIES

MINI TERMINAL BLOCKS
FOR USE WITH
15MM WIDE DIN RAIL



ELECTRICAL RATINGS

TSE / CE (EN 60947-7-1 / EN60947-7-2)

UL

ATEX

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.

AWG CONDUCTOR / FINE STRAND WITH FERRULE

INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66 GREY
YELLOW-GREEN

END BRACKET

THICKNESS 8MM
KD 5



GREY

END PLATE - DISCONNECT PLATE

WIDTH 1.5 MM -
POLYAMIDE 66



GREY
YELLOW-GREEN

SMALL PARTITION



GREY

CROSS CONNECTION



TEST PLUG-SOC. / INS. TEST SOC.

TF

ITK

T5K



WARNING LABEL

IP



WITH SYMBOL
WITHOUT SYMBOL

GROUP MARKING

GE



GE2



GREY

TECHNICAL DATA

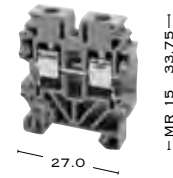
- MAX.CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

SEE PAGES 104 & 105 FOR FURTHER DETAIL

MVK 2.5

WIDTH 5 MM
304 429



TORQUE: 1.2 NM

VOLTAGE/CURRENT/CROSS-SECTION

400 V ~ / 24 A / 2.5 MM²

300 V ~ / 20 A / AWG 26-12

400 V ~ / 23 A

0.5 - 4 MM² / 0.5 - 4 MM²

16 - 8 / 0.5 - 2.5 MM²

12 MM / 1.2 NM

TYPE	PART. NO.	QTY.
MVK 2.5	304 429	100

KD 5	495 069	100
------	----------------	-----

NPP MVK	444 429	100
---------	----------------	-----

AD1	467 919	100
-----	----------------	-----

UK 2.5/2	476 222	25
----------	----------------	----

UK 2.5/3	476 223	20
----------	----------------	----

UK 2.5/4	476 224	15
----------	----------------	----

UK 2.5/10	476 229	5
-----------	----------------	---

TF (Ø2)	493 020	5
---------	----------------	---

IP 2 S	498 130	25
--------	----------------	----

IP 2	498 140	25
------	----------------	----

GE	496 119	50
----	----------------	----

GE 2	496 250	25
------	----------------	----

0.2 - 4 MM² / 4 MM² / 32 A

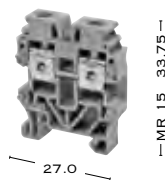
6 kV / 3

I / B3

IP 20 / -

MVK 4

WIDTH 6 MM
304 439



TORQUE: 0.5 NM

VOLTAGE/CURRENT/CROSS-SECTION		
400 V ~ / 32 A / 4 MM ²		
300 V ~ / 30 A / AWG 24-10		
400 V ~ / 31.5 A		
0.5 - 6 MM ² / 0.5 - 6 MM ²		
26 - 10 / 0.5 - 4 MM ²		
10 MM / 0.5 NM (CSA: 0.8 NM)		
TYPE	PART. No.	QTY.
MVK 4	304 439	100

KD 5 **495 069** 100

NPP MVK **444 429** 100

AD1 **467 919** 100

UK 4/2 **476 222** 25

UK 4/3 **476 223** 20

UK 4/4 **476 224** 15

UK 4/10 **476 229** 5

TF (Ø2.3) **493 023** 5

TF (Ø4) **493 040** 5

TSK 4 (Ø2.3) **490 040** 5

TSK 7 (Ø4) **490 070** 5

ITK 28 (Ø4) **492 010** 5

IP 2 S **498 130** 25

IP 2 **498 140** 25

GE **496 119** 50

GE 2 **496 250** 25

0.2 - 6 MM² / 6 MM² / 41 A

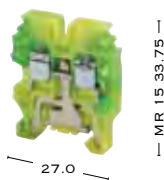
6 kV / 3

1 / B4

IP 20 / -

MVK 2.5 T

WIDTH 5 MM
334 420



TORQUE: 0.4 NM

VOLTAGE/CURRENT/CROSS-SECTION		
- V ~ / - A / 2.5 MM ²		
- V ~ / - A / AWG 26-12		
400 V		
0.5 - 4 MM ² / 0.5 - 4 MM ²		
26 - 12 / 0.5 - 2.5 MM ²		
10 MM / 0.4 NM		
TYPE	PART. No.	QTY.
MVK 2.5 T	334 420	50

KD 5 **495 069** 100

NPP MVK **444 422T** 100

AD1 **467 919** 100

TF (Ø2.3) **493 023** 5

TF (Ø4) **493 040** 5

TSK 4 (Ø2.3) **490 040** 5

TSK 7 (Ø4) **490 070** 5

ITK 28 (Ø4) **492 010** 5

IP 2 S **498 130** 25

IP 2 **498 140** 25

GE **496 119** 50

GE 2 **496 250** 25

0.2 - 4 MM² /-.....

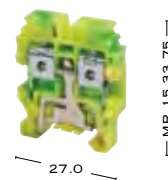
6 kV / 3

1 / B3

IP 20 / PE

MVK 4 T

WIDTH 6 MM
334 430



TORQUE: 0.5 NM

VOLTAGE/CURRENT/CROSS-SECTION		
- V ~ / - A / 4 MM ²		
- V ~ / - A / AWG 24-10		
400 V		
0.5 - 6 MM ² / 0.5 - 6 MM ²		
26 - 10 / 0.5 - 4 MM ²		
10 MM / 0.5 NM		
TYPE	PART. No.	QTY.
MVK 4 T	334 430	50

KD 5 **495 069** 100

NPP MVK **444 422T** 100

AD1 **467 919** 100

TF (Ø2.3) **493 023** 5

TF (Ø4) **493 040** 5

TSK 4 (Ø2.3) **490 040** 5

TSK 7 (Ø4) **490 070** 5

ITK 28 (Ø4) **492 010** 5

IP 2 S **498 130** 25

IP 2 **498 140** 25

GE **496 119** 50

GE 2 **496 250** 25

0.2 - 6 MM² /-.....

6 kV / 3

1 / B4

IP 20 / PE



AVK SERIES

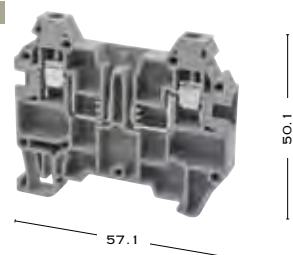
FUNCTIONAL TERMINAL
BLOCKS, SOCKETS,
AND ACCESSORIES

AVK 2.5 F

WIDTH 6 MM

324 929

324 920



TORQUE: 0.5 NM

COLORS	TERMINALS	END PLATE
	PART NUMBER	PART NUMBER
	AVK 2.5 F	NPP
GREY	324 929	444 139
BEIGE	324 920	444 130
	AVK 2.5 CF	NPP
GREY	324 919	444 139
BEIGE	324 910	444 130



ELECTRICAL RATINGS

CE (EN 60947-7-1)

VOLTAGE/CURRENT/CROSS-SECTION

400 V / 16 A / 2.5 MM²

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.
AWG CONDUCTOR / FINE STRAND WITH FERRULE
INSULATION STRIPPING LENGTH / TORQUE

0.5 - 4 MM² / 0.5 - 4 MM²

26 - 12 / 0.5 - 2.5 MM²

10 MM / 0.5 NM

ORDERING DATA

POLYAMIDE 66 GREY

TYPE	PART. No.	QTY.
AVK 2.5 F	324 929	80

ELECTRICAL DATA

MOUNTING RAILS

TS 35X7.5 SOLID

TS 35X15 SOLID

TS 35X7.5 SLOTTED

TS 35X15 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

END BRACKET

THICKNESS 8MM
KD 3



GREY

END PLATE - DISCONNECT PLATE

WIDTH 1.5 MM -
POLYAMIDE 66



GREY

TEST PLUG-SOC. / INS. TEST SOC.

TF



ITK



T5K



WARNING LABEL

IP



WITH SYMBOL
WITHOUT SYMBOL

GROUP MARKING

GE



GE2



GREY

TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

0.5 - 4 MM² / 4 MM² / 16 A

8 kV / 3

1 / B3

IP 20 / -

MARKING TAGS

SEE PAGES 104 & 105 FOR FURTHER DETAIL

TYPE PART. No. STD. PK.

SLOTTED

35X7.5 **TS3575SL** 2M

35X7.5 **TS3575SL1** 1M

35X7.5 **TS3575SL1-A** 1M

35X15 **TS3515SL** 2M

SOLID

35X7.5 **TS3575SOL** 2M

35X15 **TS3515SOL** 2M

KD 3 **495 049** 100

NPP AVK 2.5 CC **444 139** 25

TF (Ø2) **493 020** 5

IP 2 S **498 130** 25

IP 2 **498 140** 25

GE **496 119** 50

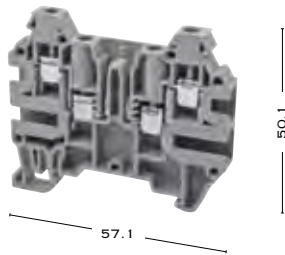
GE 2 **496 250** 25

AVK 2.5 CF

WIDTH 6 MM

324 919

324 910



TORQUE: 0.5 NM

AVK SKT

498 759



AVK SKTD

498 859



WITH DIODE

VOLTAGE/CURRENT/CROSS-SECTION

400 V / 16 A / 2.5 MM²

0.5 - 4 MM² / 0.5 - 4 MM²

26 - 12 / 0.5 - 2.5 MM²

10 MM / 0.5 NM

TYPE	PART. No.	QTY.	TYPE	PART. No.	QTY.	TYPE	PART. No.	QTY.
AVK 2.5 CF	324 919	80	AVK SKT	498 759	50	AVK SKTD	498 859	50

DIODE VOLTAGE: 1000V

DIODE CURRENT: 0.5 A

DIODE: 1 N 4007

TYPE PART. No. STD. PK.

SLOTTED

35x7.5 **TS3575SL** 2M

35x7.5 **TS3575SL1** 1M

35x7.5 **TS3575SL1-A** 1M

35x15 **TS3515SL** 2M

SOLID

35x7.5 **TS3575SOL** 2M

35x15 **TS3515SOL** 2M

KD 3 **495 049** 100

NPP AVK 2.5 CC **444 139** 25

TF (Ø2.3) **493 023** 5

TF (Ø4) **493 040** 5

TSK 4 (Ø2.3) **490 040** 5

TSK 7 (Ø4) **490 070** 5

ITK 28 (Ø4) **492 010** 5

IP 2 S **498 130** 25

IP 2 **498 140** 25

GE **496 119** 50

GE 2 **496 250** 25

0.5 - 4 MM² / 4 MM² / 16 A

8 kV / 3

1 / B3

IP 20 / -



AVK SERIES

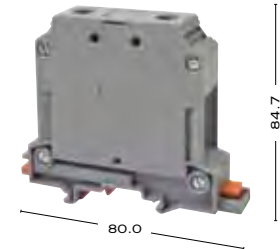
HIGH CURRENT TERMINAL BLOCKS AND ACCESSORIES

**NOTE: HEXAGON SOCKET SCREW
REQUIRED FOR AVK 50-240**



AVK 50

WIDTH 20 MM
304 330



TORQUE: 6.0 NM

ELECTRICAL RATINGS

CE (EN 60947-7-1)
UL / CSA
ATEX

VOLTAGE/CURRENT/CROSS-SECTION

1000 V ~ / 150 A / 50 MM²
600 V ~ / 150 A / AWG 6 - 1/0
800 V ~ / 150 A

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.
AWG CONDUCTOR / FINE STRAND WITH FERRULE
INSULATION STRIPPING LENGTH / TORQUE

16 - 70 MM² / 25 - 50 MM²
6 - 0 / 16 - 50 MM²
20 MM / 6 NM

ORDERING DATA

POLYAMIDE 66 GREY

TYPE PART. No. QTY.

AVK 50 304 330 25

MOUNTING RAILS

TS 35X7.5 SOLID
TS 35X7.5 SLOTTED

TS 35X15 SOLID
TS 35X15 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

END BRACKET

KD 7



GREY

KD 7 495 219 50

AVK / EK6



CROSS CONNECTION



UK 50/2



UK 95/2



UK 150/2

UK 50/2 478 332 5
UK 50/3 478 333 5
UK 50/4 478 334 5

WARNING LABEL

IP



WITH SYMBOL
WITHOUT SYMBOL

IP 2 S 498 130 25
IP 2 498 140 25

GROUP MARKING

GE



GE2



GREY

GE 496 119 50
GE 2 496 250 25

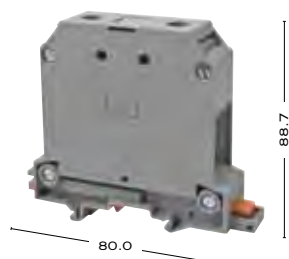
TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

16 - 70 MM² / 70 MM² - 192 A
8 kV / 3
I / B10
IP 10 / -

MARKING TAGS

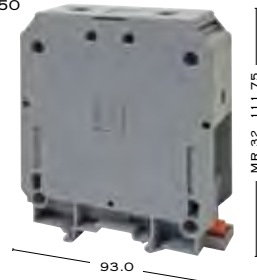
SEE PAGES 104 & 105 FOR FURTHER DETAIL

AVK 70 RDWIDTH 22 MM
304 490

TORQUE: 6 NM

AVK 95WIDTH 25 MM
304 340

TORQUE: 6-10 NM

AVK 150WIDTH 31 MM
304 350

TORQUE: 10-14 NM

AVK 240WIDTH 36 MM
304 360

TORQUE: 14-18 NM

VOLTAGE/CURRENT/CROSS-SECTION
1000 V ~ / 192 A / 70 MM ²
600 V ~ / 175 A / AWG 6 - 1/0

VOLTAGE/CURRENT/CROSS-SECTION
1000 V ~ / 232 A / 95 MM ²
600 V ~ / 230 A / AWG 2 - 4/0
1000 V ~ / 217 A

VOLTAGE/CURRENT/CROSS-SECTION
1000 V ~ / 309 A / 150 MM ²
600 V ~ / 270 A / AWG 2 - 300 KCMIL
1000 V ~ / 281 A

VOLTAGE/CURRENT/CROSS-SECTION
1000 V ~ / 415 A / 240 MM ²
600 V ~ / 370 A / AWG 2/0 - 500 KCMIL
1000 V ~ / 380 A

16 - 70 MM² / 16 - 70 MM²6 - 0 / 16 - 70 MM²

20 MM / 6 NM

TYPE	PART. NO.	QTY.
AVK 70 RD	304 490	10
TYPE	PART. NO.	STD. PK.

SLOTTED

35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M

KD 7	495 219	50
------	----------------	----

25 - 95 MM² / 35 - 95 MM²26 - 4/0 / 35 - 95 MM²

25 MM / 6-10 NM

TYPE	PART. NO.	QTY.
AVK 95	304 340	6
TYPE	PART. NO.	STD. PK.

SLOTTED

35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M

KD 7	495 219	50
------	----------------	----

35 - 150 MM² / 50 - 150 MM²2 - 300 / 50 - 150 MM²

31 MM / 10-14 NM

TYPE	PART. NO.	QTY.
AVK 150	304 350	4
TYPE	PART. NO.	STD. PK.

SLOTTED

35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M

KD 7	495 219	50
------	----------------	----

50 - 240 MM² / 70 - 240 MM²2/0 - 500 / 70 - 240 MM²

2/0 - 500 MM / 14-18 NM

TYPE	PART. NO.	QTY.
AVK 240	304 360	4
TYPE	PART. NO.	STD. PK.

SLOTTED

35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M

KD 7	495 219	50
------	----------------	----

AVK / EK6	304 370	20
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AVK / EK6	304 370	20
-----------	----------------	----

AVK / EK6	304 370	20
-----------	----------------	----

UK 70/2	478 372	5
---------	----------------	---

UK 70/3	478 373	5
---------	----------------	---

UK 70/4	478 374	5
---------	----------------	---

UK 95/2	478 342	5
---------	----------------	---

UK 95/3	478 343	5
---------	----------------	---

UK 95/4	478 344	5
---------	----------------	---

UK 150/2	478 352	5
----------	----------------	---

UK 150/3	478 353	5
----------	----------------	---

UK 150/4	478 354	5
----------	----------------	---

UK 240/2	478 362	5
----------	----------------	---

UK 240/3	478 363	5
----------	----------------	---

UK 240/4	478 364	5
----------	----------------	---

IP 2 S	498 130	25
--------	----------------	----

IP 2	498 140	25
------	----------------	----

IP 2 S	498 130	25
--------	----------------	----

IP 2	498 140	25
------	----------------	----

IP 2 S	498 130	25
--------	----------------	----

IP 2	498 140	25
------	----------------	----

IP 2 S	498 130	25
--------	----------------	----

IP 2	498 140	25
------	----------------	----

GE	496 119	50
----	----------------	----

GE 2	496 250	25
------	----------------	----

GE	496 119	50
----	----------------	----

GE 2	496 250	25
------	----------------	----

GE	496 119	50
----	----------------	----

GE 2	496 250	25
------	----------------	----

GE	496 119	50
----	----------------	----

GE 2	496 250	25
------	----------------	----

16 - 70 MM² / 70 MM² - 192 A

8 kV / 3

1 / A11

IP 10 / -

25 - 95 MM² / 95 MM² - 232 A

8 kV / 3

1 / B12

IP 10 / -

35 - 150 MM² / 150 MM² - 309 A

8 kV / 3

1 / B14

IP 10 / -

50 - 240 MM² / 240 MM² - 415 A

8 kV / 3

1 / A16

IP 10 / -

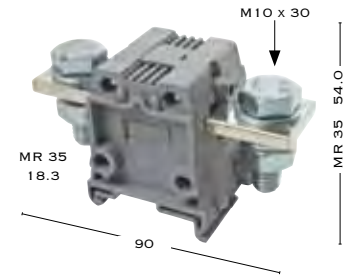


AVK SERIES

HIGH CURRENT TERMINAL BLOCKS AND ACCESSORIES

AVK 95 B

WIDTH 40 MM
304 300



TORQUE: 4.0 NM



ELECTRICAL RATINGS

CE (EN 60947-7-1)

VOLTAGE/CURRENT/CROSS-SECTION

1000 V ~ / 232 A / 95 MM²

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.
AWG CONDUCTOR / FINE STRAND WITH FERRULE
INSULATION STRIPPING LENGTH / TORQUE

95 MM² / 95 MM²

3/0 / 95 MM²

... MM / 4 NM

ORDERING DATA

POLYAMIDE 66 GREY

TYPE

PART. No.

QTY.

AVK 95 B

304 300

4

MOUNTING RAILS

TS 35x7.5 SOLID

TS 35x15 SOLID

TS 35x7.5 SLOTTED

TS 35x15 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

END BRACKET

KD 7



GREY

KD 7

495 219

50

ISOLATION COVER



KKB 95

466 100

4

CROSS CONNECTION



UK 95/2



UK 150/2



UK 240/2

UKB 95/2

478 302

5

UKB 95/3

478 303

5

UKB 95/4

478 304

5

TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

95 MM² / 95 MM² - 232 A

8 kV / 3

1 / -

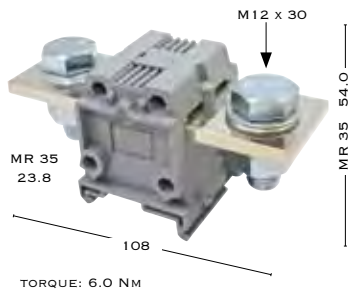
IP 10 / -

MARKING TAGS

SEE PAGES 104 & 105 FOR FURTHER DETAIL

AVK 150 B

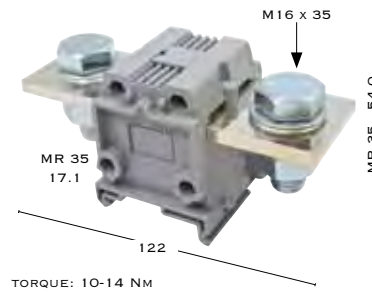
WIDTH 48 MM
304 310



TORQUE: 6.0 NM

AVK 240 B

WIDTH 53 MM
304 320



TORQUE: 10-14 NM

VOLTAGE/CURRENT/CROSS-SECTION

1000 V ~ / 309 A / 150 MM²

VOLTAGE/CURRENT/CROSS-SECTION

1000 V ~ / 415 A / 240 MM²

150 MM² / 150 MM²

300 KCMIL / 150 MM²

.... MM / 6 NM

TYPE

PART. No.

QTY.

AVK 150 B

304 310

4

TYPE

PART. No.

STD. PK.

SLOTTED

35x7.5

TS3575SL

2M

35x7.5

TS3575SL1

1M

35x7.5

TS3575SL1-A

1M

35x15

TS3515SL

2M

SOLID

35x7.5

TS3575SOL

2M

35x15

TS3515SOL

2M

KD 7

495 219

50

KKB 150

466 110

4

UKB 150/2

478 312

5

UKB 150/3

478 313

5

UKB 150/4

478 314

5

150 MM² / 150 MM² - 309 A

8 KV / 3

1 / -

IP 10 / -

240 MM² / 240 MM²

500 KCMIL / 240 MM²

.... MM / 10-14 NM

TYPE

PART. No.

QTY.

AVK 240 B

304 320

4

TYPE

PART. No.

STD. PK.

SLOTTED

35x7.5

TS3575SL

2M

35x7.5

TS3575SL1

1M

35x7.5

TS3575SL1-A

1M

35x15

TS3515SL

2M

SOLID

35x7.5

TS3575SOL

2M

35x15

TS3515SOL

2M

KD 7

495 219

50

KKB 240

466 120

4

UKB 240/2

478 322

5

UKB 240/3

478 323

5

UKB 240/4

478 324

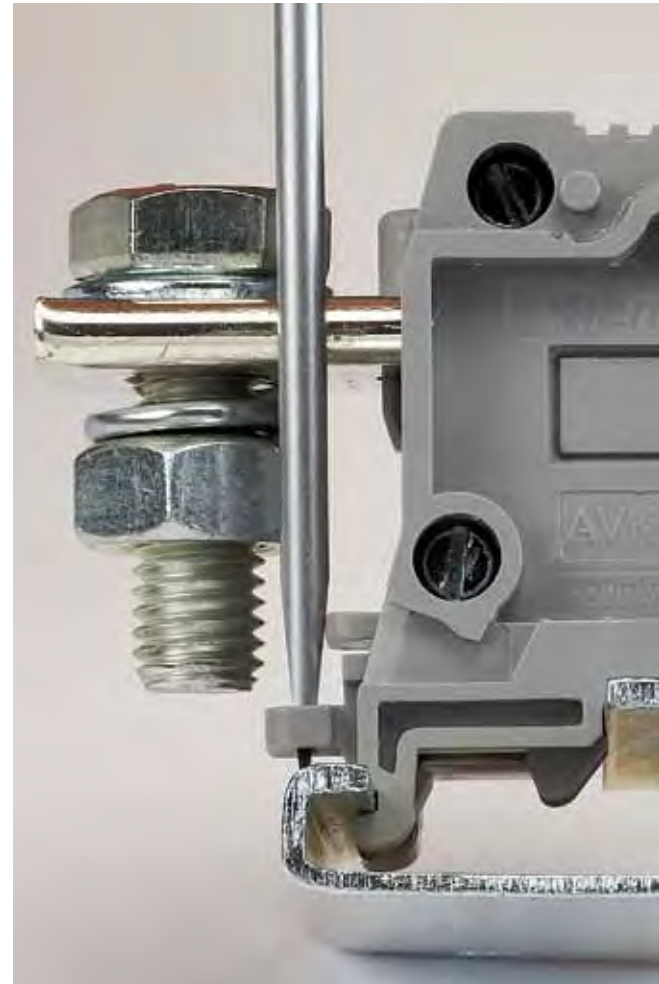
5

240 MM² / 240 MM² - 415 A

8 KV / 3

1 / -OS

IP 10 / -



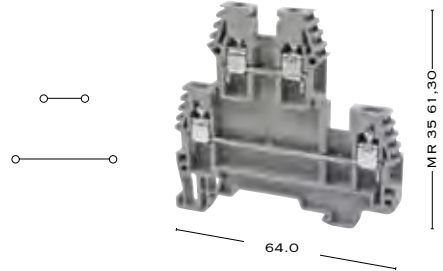


PIK SERIES

SCREW TYPE DOUBLE-DECK TERMINAL BLOCKS AND ACCESSORIES

PIK 2.5 N

WIDTH 5 MM
317 109



TORQUE: 0.5 NM

COLORS	TERMINALS	END PLATE
	PART NUMBER	PART NUMBER
	PIK 2.5 N	NPP
GREY	317 109	449 019
BLUE	317 101	449 011
BEIGE	317 100	449 010
	PIK 2.5 NK	NPP
GREY	317 129	449 019
BLUE	317 121	449 011
BEIGE	317 120	449 010
	PIK 2.5 ND	NPP
GREY	317 219	449 019
BLUE	317 211	449 011
BEIGE	317 210	449 010
	PIK 2.5 NLD	NPP
GREY	317 ..9	449 019
BLUE	317 ..1	449 011
BEIGE	317 ..0	449 010

ELECTRICAL RATINGS

TSE / CE (EN 60947-7-1)

UL / CSA

ATEX

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.

AWG CONDUCTOR / FINE STRAND WITH FERRULE

INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66 GREY

VOLTAGE/CURRENT/CROSS-SECTION

500 V ~ / 24 A / 2.5 mm²

300 V ~ / 20 A / AWG 26 - 12

400 V ~ / 21.5 A

0.5 - 4 mm² / 0.5 - 4 mm²

26 - 12 / 0.5 - 2.5 mm²

9 mm / 0.5 NM

TYPE	PART. NO.	QTY.
PIK 2.5 N	317 109	100

MOUNTING RAILS

TS 35X7.5 SOLID

TS 35X15 SOLID

TS 35X7.5 SLOTTED

TS 35X15 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH

ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

END BRACKET

THICKNESS 8MM
KD 3



GREY

END PLATE

WIDTH 1.5 MM -
POLYAMIDE 66



GREY

CROSS CONNECTION



TEST PLUG-Soc. / INS. TEST Soc.

TF

ITK

T5K



WARNING LABEL

IP



WITH SYMBOL
WITHOUT SYMBOL

GROUP MARKING

GE



GE2



GREY

TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

SEE PAGES 104 & 105 FOR FURTHER DETAIL

TYPE PART. NO. STD. PK.

SLOTTED

35X7.5	TS3575SL	2M
35X7.5	TS3575SL1	1M
35X7.5	TS3575SL1-A	1M
35X15	TS3515SL	2M

SOLID

35X7.5	TS3575SOL	2M
35X15	TS3515SOL	2M

KD 3	495 049	100
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NPP PIK 2.5-4N	449 019	25
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UK 2.5/2	474 122	25
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UK 2.5/3	474 123	20
----------	----------------	----

UK 2.5/4	474 124	15
----------	----------------	----

UK 2.5/10	474 129	5
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TF (Ø2)	493 020	5
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IP 2 S	498 130	25
--------	----------------	----

IP 2	498 140	25
------	----------------	----

GE	496 119	50
----	----------------	----

GE 2	496 250	25
------	----------------	----

0.2 - 4 mm² / 4 mm² / 28 A

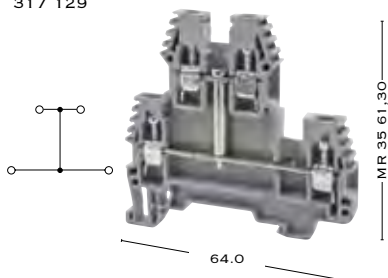
6 kV / 3

1 / B3

IP 20 / -

PIK 2.5 NK

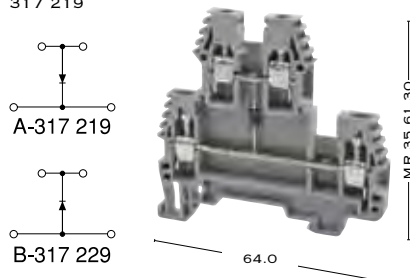
WIDTH 5 MM
317 129



TORQUE: 0.4 NM

PIK 2.5 ND**

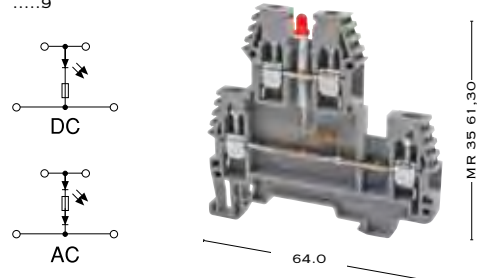
WIDTH 5 MM
317 219



TORQUE: 0.4 NM

PIK 2.5 NLD

WIDTH 5 MM
.....9



TORQUE: 0.4 NM

VOLTAGE/CURRENT/CROSS-SECTION

500 V ~ / 24 A / 2.5 MM²

300 V ~ / 20 A / AWG 26 - 12

0.5 - 4 MM² / 0.5 - 4 MM²

26 - 10 / 0.5 - 2.5 MM²

9 MM / 0.4 NM

TYPE PART. NO. QTY.

PIK 2.5 NK **317 129** 20

TYPE PART. NO. STD. PK.

SLOTTED

35x7.5 **TS3575SL** 2M

35x7.5 **TS3575SL1** 1M

35x7.5 **TS3575SL1-A** 1M

35x15 **TS3515SL** 2M

SOLID

35x7.5 **TS3575SOL** 2M

35x15 **TS3515SOL** 2M

KD 3 **495 049** 100

NPP PIK 2.5-4N **449 019** 25

UK 2.5/2 **474 122*** 25

UK 2.5/3 **474 123*** 20

UK 2.5/4 **474 124*** 15

UK 2.5/10 **474 129*** 5

TF (Ø2.3) **493 023** 5

TF (Ø4) **493 040** 5

TSK 4 (Ø2.3) **490 040** 5

TSK 7 (Ø4) **490 070** 5

ITK 28 (Ø4) **492 010** 5

IP 2 S **498 130** 25

IP 2 **498 140** 25

GE **496 119** 50

GE 2 **496 250** 25

0.2 - 4 MM² / 4 MM² / 28 A

6 kV / 3

1 / B3

IP 20 / -

VOLTAGE/CURRENT/CROSS-SECTION

500 V ~ / 24 A / 2.5 MM²

300 V ~ / 20 A / AWG 26 - 12

0.5 - 4 MM² / 0.5 - 4 MM²

26 - 12 / 0.5 - 2.5 MM²

9 MM / 0.4 NM

TYPE PART. NO. QTY.

PIK 2.5 ND-A **317 219** 20

PIK 2.5 ND-B **317 229** 20

TYPE PART. NO. STD. PK.

SLOTTED

35x7.5 **TS3575SL** 2M

35x7.5 **TS3575SL1** 1M

35x7.5 **TS3575SL1-A** 1M

35x15 **TS3515SL** 2M

SOLID

35x7.5 **TS3575SOL** 2M

35x15 **TS3515SOL** 2M

KD 3 **495 049** 100

NPP PIK 2.5-4N **449 019** 25

UK 2.5/2 **474 122*** 25

UK 2.5/3 **474 123*** 20

UK 2.5/4 **474 124*** 15

UK 2.5/10 **474 129*** 5

TF (Ø2.3) **493 023** 5

TF (Ø4) **493 040** 5

TSK 4 (Ø2.3) **490 040** 5

TSK 7 (Ø4) **490 070** 5

ITK 28 (Ø4) **492 010** 5

IP 2 S **498 130** 25

IP 2 **498 140** 25

GE **496 119** 50

GE 2 **496 250** 25

0.2 - 4 MM² / 4 MM² / 28 A

6 kV / 3

1 / B3

IP 20 / -

VOLTAGE/CURRENT/CROSS-SECTION

V ~ / 24 A / 2.5 MM²

V ~ / 20 A / AWG 26 - 12

0.5 - 4 MM² / 0.5 - 4 MM²

26 - 12 / 0.5 - 2.5 MM²

9 MM / 0.4 NM

TYPE PART. NO. QTY.

PIK 2.5 NLD **317 329** (24VDC) / **317 319** (24VAC) 20

PIK 2.5 NLD **317 429** (48VDC) / **317 419** (48VAC) 20

PIK 2.5 NLD **317 629** (110VDC) / **317 619** (110VAC) 20

PIK 2.5 NLD **317 729** (220VDC) / **317 719** (220VAC) 20

TYPE PART. NO. STD. PK.

SLOTTED

35x7.5 **TS3575SL** 2M

35x7.5 **TS3575SL1** 1M

35x7.5 **TS3575SL1-A** 1M

35x15 **TS3515SL** 2M

SOLID

35x7.5 **TS3575SOL** 2M

35x15 **TS3515SOL** 2M

KD 3 **495 049** 100

NPP PIK 2.5-4N **449 019** 25

UK 2.5/2 **474 122*** 25

UK 2.5/3 **474 123*** 20

UK 2.5/4 **474 124*** 15

UK 2.5/10 **474 129*** 5

TF (Ø2.3) **493 023** 5

TF (Ø4) **493 040** 5

TSK 4 (Ø2.3) **490 040** 5

TSK 7 (Ø4) **490 070** 5

ITK 28 (Ø4) **492 010** 5

IP 2 S **498 130** 25

IP 2 **498 140** 25

GE **496 119** 50

GE 2 **496 250** 25

0.2 - 4 MM² / 4 MM² / 28 A

6 kV / 3

1 / B3

IP 20 / -

* ONLY LOWER DECKS CAN BE CROSS-CONNECTED

* ONLY LOWER DECKS CAN BE CROSS-CONNECTED

* ONLY LOWER DECKS CAN BE CROSS-CONNECTED

**ELECTRICAL RATINGS: DIODE REVERSE VOLTAGE - 1000V
DIODE CURRENT - 0.5 A
DIODE - 1 N 4007

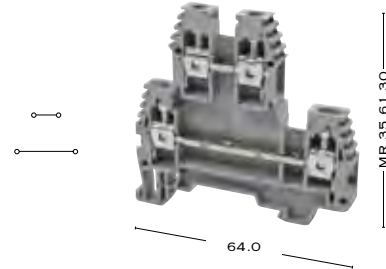


PIK SERIES

SCREW TYPE DOUBLE-DECK TERMINAL BLOCKS AND ACCESSORIES

PIK 4 N

WIDTH 6 MM
319 109



TORQUE: 0.5 NM

COLORS	TERMINALS	END PLATE
	PART NUMBER	PART NUMBER
	PIK 4 N	NPP
GREY	319 109	449 019
BLUE	319 101	449 011
BEIGE	319 100	449 010
	PIK 4 NK	NPP
GREY	319 129	449 019
BLUE	319 121	449 011
BEIGE	319 120	449 010
	PIK 4 ND	NPP
GREY	319 219	449 019
BLUE	319 211	449 011
BEIGE	319 210	449 010
	PIK 4 NLD	NPP
GREY	319 329	449 019
BLUE	319 429	449 011
BEIGE	319 629	449 010



ELECTRICAL RATINGS

TSE / CE (EN 60947-7-1)
UL / CSA
ATEX

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.
AWG CONDUCTOR / FINE STRAND WITH FERRULE
INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66 GREY

GREY

GREY

GREY

GREY

MOUNTING RAILS

TS 35X7.5 SOLID

TS 35X15 SOLID

TS 35X7.5 SLOTTED

TS 35X15 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

END BRACKET

THICKNESS 8MM
KD 3



GREY

END PLATE

WIDTH 1.5 MM -
POLYAMIDE 66



GREY

CROSS CONNECTION



TEST PLUG-Soc. / INS. TEST Soc.

TF

ITK

T5K



WARNING LABEL

IP



WITH SYMBOL
WITHOUT SYMBOL

GROUP MARKING

GE



GE2



GREY

TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

SEE PAGES 104 & 105 FOR FURTHER DETAIL

VOLTAGE/CURRENT/CROSS-SECTION

500 V ~ / 32 A / 4 MM²

300 V ~ / 30 A / AWG 26 - 10

400 V ~ / 29.5 A

0.5 - 6 MM² / 0.5 - 6 MM²

26 - 10 / 0.5 - 4 MM²

9 MM / 0.5 NM

TYPE	PART. NO.	QTY.
PIK 4 N	319 109	100

TYPE	PART. NO.	STD. PK.
------	-----------	----------

SLOTTED		
35X7.5	TS3575SL	2M
35X7.5	TS3575SL1	1M
35X7.5	TS3575SL1-A	1M
35X15	TS3515SL	2M
SOLID		
35X7.5	TS3575SOL	2M
35X15	TS3515SOL	2M

KD 3	495 049	100
------	----------------	-----

NPP PIK 2.5-4N	449 019	25
----------------	----------------	----

UK 4/2	474 132	25
--------	----------------	----

UK 4/3	474 133	20
--------	----------------	----

UK 4/4	474 134	15
--------	----------------	----

UK 4/10	474 139	5
---------	----------------	---

TF (Ø2)	493 020	5
---------	----------------	---

IP 2 S	498 130	25
--------	----------------	----

IP 2	498 140	25
------	----------------	----

GE	496 119	50
----	----------------	----

GE 2	496 250	25
------	----------------	----

0.2 - 6 MM² / 6 MM² / 39 A

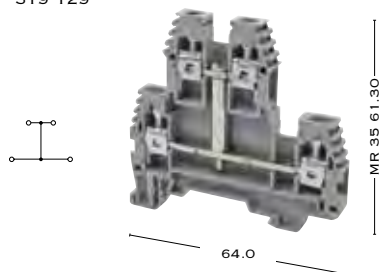
6 kV / 3

1 / B4

IP 20 / -

PIK 4 NK

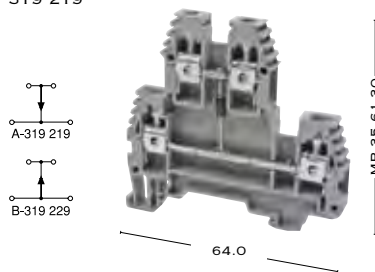
WIDTH 6 MM
319 129



TORQUE: 0.5 NM

PIK 4 ND**

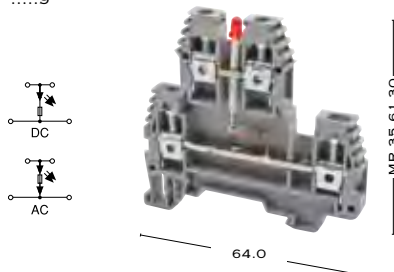
WIDTH 6 MM
319 219



TORQUE: 0.5 NM

PIK 4 NLD

WIDTH 6 MM
.....9



TORQUE: 0.5 NM

VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION		
500 V ~ / 32 A / 4 MM ²			500 V ~ / 32 A / 4 MM ²			- V ~ / 32 A / 4 MM ²		
300 V ~ / 30 A / AWG 26 - 10			300 V ~ / 30 A / AWG 26 - 10			- V ~ / 30 A / AWG 26 - 10		
0.5 - 6 MM ² / 0.5 - 6 MM ²			0.5 - 6 MM ² / 0.5 - 6 MM ²			0.5 - 6 MM ² / 0.5 - 6 MM ²		
26 - 10 / 0.5 - 4 MM ²			26 - 10 / 0.5 - 4 MM ²			26 - 10 / 0.5 - 4 MM ²		
9 MM / 0.5 NM			9 MM / 0.5 NM			9 MM / 0.5 NM		
TYPE	PART. NO.	QTY.	TYPE	PART. NO.	QTY.	TYPE	PART. NO.	QTY.
PIK 4 NK	319 129	20	PIK 4 ND-A	319 219	20	PIK 4 NLD	319 329 (24VDC) / 319 319 (24VAC)	20
			PIK 4 ND-B	319 229	20	PIK 4 NLD	319 429 (48VDC) / 319 419 (48VAC)	20
						PIK 4 NLD	319 629 (110VDC) / 319 619 (110VAC)	20
						PIK 4 NLD	319 729 (220VDC) / 319 719 (220VAC)	20
TYPE	PART. NO.	STD. PK.	TYPE	PART. NO.	STD. PK.	TYPE	PART. NO.	STD. PK.
SLOTTED			SLOTTED			SLOTTED		
35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M	35x15	TS3515SL	2M	35x15	TS3515SL	2M
SOLID			SOLID			SOLID		
35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M	35x15	TS3515SOL	2M	35x15	TS3515SOL	2M
KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100
NPP PIK 2.5-4N	449 019	25	NPP PIK 2.5-4N	449 019	25	NPP PIK 2.5-4N	449 019	25
UK 4/2	474 132*	25	UK 4/2	474 132*	25	UK 4/2	474 132*	25
UK 4/3	474 133*	20	UK 4/3	474 133*	20	UK 4/3	474 133*	20
UK 4/4	474 134*	15	UK 4/4	474 134*	15	UK 4/4	474 134*	15
UK 4/10	474 139*	5	UK 4/10	474 139*	5	UK 4/10	474 139*	5
TF (Ø2.3)	493 023	5	TF (Ø2.3)	493 023	5	TF (Ø2.3)	493 023	5
TF (Ø4)	493 040	5	TF (Ø4)	493 040	5	TF (Ø4)	493 040	5
TSK 4 (Ø2.3)	490 040	5	TSK 4 (Ø2.3)	490 040	5	TSK 4 (Ø2.3)	490 040	5
TSK 7 (Ø4)	490 070	5	TSK 7 (Ø4)	490 070	5	TSK 7 (Ø4)	490 070	5
ITK 28 (Ø4)	492 010	5	ITK 28 (Ø4)	492 010	5	ITK 28 (Ø4)	492 010	5
IP 2 S	498 130	25	IP 2 S	498 130	25	IP 2 S	498 130	25
IP 2	498 140	25	IP 2	498 140	25	IP 2	498 140	25
GE	496 119	50	GE	496 119	50	GE	496 119	50
GE 2	496 250	25	GE 2	496 250	25	GE 2	496 250	25
0.2 - 6 MM ² / 6 MM ² / 39 A			0.2 - 6 MM ² / 6 MM ² / 39 A			0.2 - 6 MM ² / 6 MM ² / 39 A		
6 kV / 3			6 kV / 3			6 kV / 3		
1 / B4			1 / B4			1 / B4		
IP 20 / -			IP 20 / -			IP 20 / -		

* ONLY LOWER DECKS CAN BE CROSS-CONNECTED

* ONLY LOWER DECKS CAN BE CROSS-CONNECTED

* ONLY LOWER DECKS CAN BE CROSS-CONNECTED

**ELECTRICAL RATINGS: DIODE REVERSE VOLTAGE - 1000V
DIODE CURRENT - 0.5 A
DIODE - 1 N 4007

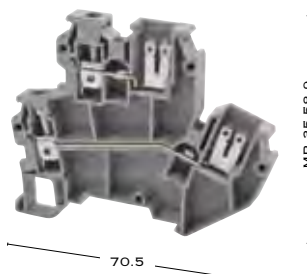


PIK/PUK SERIES

SCREW TYPE DOUBLE-DECK &
MULTI-LEVEL TERMINAL
BLOCKS AND ACCESSORIES

PIK 4 FS

WIDTH 6 MM
319 809



TORQUE: 0.4 NM

COLORS	TERMINALS	END PLATE
	PART NUMBER	PART NUMBER
	PIK 4 FS	NPP PIK 2T
GREY	319 809	449 029
BLUE	319 801	449 021
BEIGE	319 800	449 020
	PIK 10 N	NPP PIK 10 N
GREY	319 909	449 039
BEIGE	319 900	449 030
	PUK 3	NPP PUK 3
GREY	324 109	450 139
BEIGE	324 100	450 130
	PUK 2 T	NPP PUK 2T
GREY	324 209	450 149
BEIGE	324 200	450 140
	PUK 3 T	NPP PUK 3T
GREY	324 309	450 159
BEIGE	324 300	450 150



ELECTRICAL RATINGS

CE (EN 60947-7-1 / 60947-7-2)

UL

ATEX

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.

AWG CONDUCTOR / FINE STRAND WITH FERRULE

INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66 GREY

MOUNTING RAILS

TS 35X7.5 SOLID

TS 35X7.5 SLOTTED

TS 35X15 SOLID

TS 35X15 SLOTTED



STEEL SLOT DIM.

25MM ON 36MM CENTER

5.2MM SLOT WIDTH



ALUMINUM SLOT DIM.

13MM ON 26MM CENTER

5MM SLOT WIDTH

END BRACKET

THICKNESS 8MM

KD 3



GREY

END PLATE

WIDTH 1.5 MM

POLYAMIDE 66



NPP PUK 3



NPP PUK 3T

GREY

CROSS CONNECTION

476 ...



474 ...



480 ...

TEST PLUG-SOC. / INS. TEST SOC.

TF



ITK



T5K



WARNING LABEL

IP



WITH SYMBOL

WITHOUT SYMBOL

GROUP MARKING

GE



GE2



GREY

TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

SEE PAGES 104 & 105 FOR FURTHER DETAIL

VOLTAGE/CURRENT/CROSS-SECTION

400 V ~ / 20 A / 4 MM²

400 V ~ / 20 A

0.5 - 6 MM² / 0.5 - 6 MM²

26 - 10 / 0.5 - 4 MM²

8 MM / 0.4 NM

TYPE PART. No. QTY.

PIK 4 FS 319 809 85

TYPE PART. No. STD. PK.

SLOTTED

35X7.5 TS3575SL 2M

35X7.5 TS3575SL1 1M

35X7.5 TS3575SL1-A 1M

35X15 TS3515SL 2M

SOLID

35X7.5 TS3575SOL 2M

35X15 TS3515SOL 2M

KD 3 495 049 100

NPP PIK 4 FS 449 029 20

UK 4/2 476 232 25

UK 4/3 476 233 20

UK 4/4 476 234 15

UK 4/10 476 239 5

TF (Ø4) 493 040 5

TSK 8 (Ø4) 490 080 5

ITK 32 (Ø4) 492 020 5

IP 2 S 498 130 25

IP 2 498 140 25

GE 496 119 50

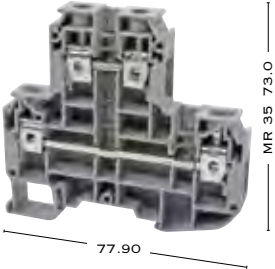
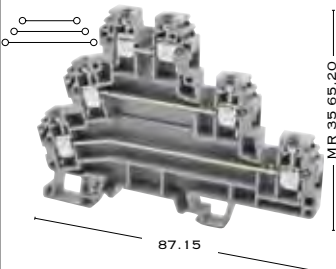
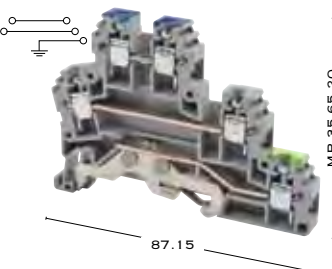
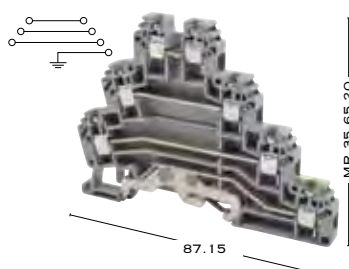
GE 2 496 250 25

0.2 - 6 MM² / 6 MM² - 20 A

4 kV / 3

I / A4

IP 20 / -

PIK 10 N			PUK 3			PUK 2 T			PUK 3 T		
WIDTH 10 MM 319 909			WIDTH 6 MM 324 109			WIDTH 6 MM 324 209			WIDTH 6 MM 324 309		
											
TORQUE: 1.2 NM			TORQUE: 0.4 NM			TORQUE: 0.4 NM			TORQUE: 0.4 MM ²		
VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION		
800 V ~ / 57 A / 10 MM ²			440 V ~ / 24 A / 2.5 MM ²			440 V ~ / 24 A / 2.5 MM ²			440 V ~ / 24 A / 2.5 MM ²		
			300 V ~ / 24 A / AWG 24 - 12			300 V ~ / 24 A / AWG 24-12			300 V ~ / 24 A / AWG 24-12		
			400 V ~ / 24 A			400 V ~ / 24 A			400 V ~ / 24 A		
1.5 - 16 MM ² / 1.5 - 16 MM ²			0.5 - 4 MM ² / 0.5 - 4 MM ²			0.5 - 4 MM ² / 0.5 - 4 MM ²			0.5 - 4 MM ² / 0.5 - 4 MM ²		
18 - 6 / 1.5 - 10 MM ²			24 - 12 / 1.5 - 2.5 MM ²			24 - 12 / 1.5 - 2.5 MM ²			24 - 12 / 1.5 - 2.5 MM ²		
12 MM / 1.2 NM			9 MM / 0.4 NM			9 MM / 0.4 NM			9 MM / 0.4 NM		
TYPE	PART. No.	QTY.	TYPE	PART. No.	QTY.	TYPE	PART. No.	QTY.	TYPE	PART. No.	QTY.
PIK 10 N	319 909	20	PUK 3	324 109	20	PUK 2 T	324 209	20	PUK 3 T	324 309	20
TYPE	PART. No.	STD. PK.	TYPE	PART. No.	STD. PK.	TYPE	PART. No.	STD. PK.	TYPE	PART. No.	STD. PK.
SLOTTED			SLOTTED			SLOTTED			SLOTTED		
35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M	35x15	TS3515SL	2M	35x15	TS3515SL	2M	35x15	TS3515SL	2M
SOLID			SOLID			SOLID			SOLID		
35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M	35x15	TS3515SOL	2M	35x15	TS3515SOL	2M	35x15	TS3515SOL	2M
KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100
NPP PIK 10 N	449 039	20	NPP PUK 3	450 139	10	NPP PUK 2 T	450 149	10	NPP PUK 3 T	450 159	10
UK 10/2	474 152	25	UK 2.5/2	480 132	25	UK 2.5/2	480 132	25	UK 2.5/2	480 132*	25
UK 10/3	474 153	20	UK 2.5/3	480 133	20	UK 2.5/3	480 133	20	UK 2.5/3	480 133*	20
UK 10/4	474 154	15	UK 2.5/4	480 134	15	UK 2.5/4	480 134	15	UK 2.5/4	480 134*	15
UK 10/10	474 159	5	UK 2.5/10	480 139	5	UK 2.5/10	480 139	5	UK 2.5/10	480 139*	5
TF (Ø4)	493 040	5	TF (Ø4)	493 040	5	TF (Ø4)	493 040	5	TF (Ø4)	493 040	5
TSK 8 (Ø4)	490 080	5	TSK 8 (Ø4)	490 080	5	TSK 9 (Ø4)	490 090	5	TSK 9 (Ø4)	490 090	5
ITK 32 (Ø4)	492 020	5	ITK 32 (Ø4)	492 020	5						
IP 2 S	498 130	25	IP 2 S	498 130	25	IP 2 S	498 130	25	IP 2 S	498 130	25
IP 2	498 140	25	IP 2	498 140	25	IP 2	498 140	25	IP 2	498 140	25
GE	496 119	50	GE	496 119	50	GE	496 119	50	GE	496 119	50
GE 2	496 250	25	GE 2	496 250	25	GE 2	496 250	25	GE 2	496 250	25
0.5 - 16 MM ² / 16 MM ² - 76 A			0.2 - 4 MM ² / 4 MM ² - 32 A			0.2 - 4 MM ² / 4 MM ² - 32 A			0.2 - 4 MM ² / 4 MM ² - 32 A		
8 kV / 3			6 kV / 3			8 kV / 3			8 kV / 3		
1 / B6			1 / B6			1 / B3			1 / B3		
IP 20 / -			IP 20 / -			IP 20 / PE			IP 20 / PE		

* ONLY UPPER DECKS CAN BE CROSS-CONNECTED



THE PUK SERIES IS A FEED-THRU AND FEED-THRU/ GROUNDING TERMINAL BLOCK SERIES USED IN APPLICATIONS UTILIZING SENSORS OR OTHER MULTIWIRE SYSTEMS. THE TERMINAL BLOCKS ARE ONLY 6MM WIDE, WHICH SAVES 2/3 TO _ THE NORMAL SPACE UTILIZED IN STANDARD TERMINALS.

COLORS	TERMINALS	END PLATE
	PART NUMBER	PART NUMBER
	PUK 3 S	NPP
GREY	324 409	450 169
BEIGE	324 400	450 160
	PIK 3 SLD (NPN)	NPP
GREY	324 419	450 169
BEIGE	324 400	450 160
	PIK 3 SLD (PNP)	NPP
GREY	324 429	450 169
BEIGE	324 420	450 160

PUK SERIES

SCREW TYPE SENSOR TERMINAL BLOCKS AND ACCESSORIES



ELECTRICAL RATINGS

CE (EN 60947-7-1)
UL / CSA

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.
AWG CONDUCTOR / FINE STRAND WITH FERRULE
INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66 GREY

MOUNTING RAILS

TS 35X7.5 SOLID TS 35X15 SOLID
TS 35X7.5 SLOTTED TS 35X15 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

END BRACKET

THICKNESS 8MM
KD 3 GREY



END PLATE

WIDTH 1.5 MM -
POLYAMIDE 66 GREY



NPP PUK 3S

CROSS CONNECTION



TEST PLUG-SOC. / INS. TEST SOC.



WARNING LABEL

IP WITH SYMBOL
WITHOUT SYMBOL



GROUP MARKING

GE GE2 GREY



TECHNICAL DATA

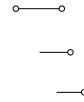
- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

SEE PAGES 104 & 105 FOR FURTHER DETAIL

PUK 3 S

WIDTH 6 MM
324 409



MR 35 65.20

74.30

TORQUE: 0.4 NM

VOLTAGE/CURRENT/CROSS-SECTION

500 V ~ / 24 A / 2.5 MM²
300 V ~ / 24 A / AWG 24-12

0.5 - 4 MM² / 0.5 - 4 MM²
24 - 12 / 0.5 - 2.5 MM²

9 MM / 0.4 NM

TYPE PART. No. QTY.

PUK 3 S 324 409 20

TYPE PART. No. STD. PK.

SLOTTED

35X7.5 TS3575SL 2M

35X7.5 TS3575SL1 1M

35X7.5 TS3575SL1-A 1M

35X15 TS3515SL 2M

SOLID

35X7.5 TS3575SOL 2M

35X15 TS3515SOL 2M

KD 3 495 049 100

NPP PUK 3 S 450 169 10

UK 2.5/2 480 132 25

UK 2.5/3 480 133 20

UK 2.5/4 480 134 15

UK 2.5/10 480 139 5

TF (Ø4) 493 040 5

TSK 8 (Ø4) 490 080 5

ITK 32 (Ø4) 492 020 5

IP 2 S 498 130 25

IP 2 498 140 25

GE 496 119 50

GE 2 496 250 25

0.2 - 4 MM² / 4 MM² / 32 A

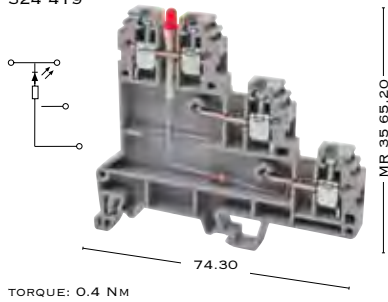
6 kV / 3

I / B3

IP 20 / -

PUK 3 SLD (NPN)

WIDTH 6 MM
324 419



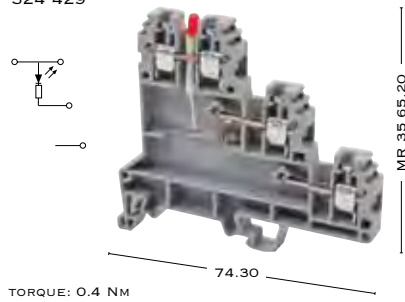
TORQUE: 0.4 NM

VOLTAGE/CURRENT/CROSS-SECTION

- V ~ / 24 A / 2.5 MM²

PUK 3 SLD (PNP)

WIDTH 6 MM
324 429



TORQUE: 0.4 NM

VOLTAGE/CURRENT/CROSS-SECTION

- V ~ / 24 A / 2.5 MM²

0.5 - 4 MM² / 0.5 - 4 MM²

24 - 12 / 0.5 - 2.5 MM²

9 MM / 0.4 NM

TYPE	PART. No.	QTY.
PUK 3 SLD (NPN)	324 419 (24Vdc)	20
TYPE	PART. No.	STD. PK.
SLOTTED		
35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M
KD 3	495 049	100
NPP PUK 3 S	450 169	10
UK 2.5/2	480 132	25
UK 2.5/3	480 133	20
UK 2.5/4	480 134	15
UK 2.5/10	480 139	5
TF (Ø4)	493 040	5
TSK 8 (Ø4)	490 080	5
ITK 32 (Ø4)	492 020	5
IP 2 S	498 130	25
IP 2	498 140	25
GE	496 119	50
GE 2	496 250	25
0.2 - 4 MM ² / 4 MM ² / 32 A		
8 kV / 3		
1 / B3		
IP 20 / -		

QTY.

STD. PK.

QTY.

STD. PK.

QTY.

STD. PK.

QTY.

STD. PK.

QTY.

STD. PK.

QTY.

STD. PK.

QTY.

STD. PK.

QTY.

STD. PK.

QTY.

STD. PK.

QTY.

STD. PK.

QTY.

STD. PK.

QTY.

STD. PK.

QTY.

STD. PK.

QTY.

STD. PK.

QTY.

STD. PK.

QTY.

STD. PK.

QTY.

STD. PK.

QTY.

STD. PK.

QTY.

STD. PK.

QTY.

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STD. PK.

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STD. PK.

QTY.

STD. PK.

QTY.

STD. PK.

QTY.

STD. PK.

QTY.

STD. PK.

QTY.

STD. PK.





DISCONNECT TERMINALS

THE MAIN ADVANTAGE WITH DISCONNECT TERMINALS IS THAT THEY ALLOW A CIRCUIT TO BE “OPENED” WITHOUT REMOVING THE WIRE FROM THE SCREW CONNECTIONS – SAVING TIME.

THE USER CAN OPEN THE CIRCUIT (ASK 2B) AND PLACE A MULTIMETER ON THE EXPOSED INTERNAL TERMINALS AND “READ” INPUT OR OUTPUT CURRENTS VERY EASILY.

ASK SERIES

SCREW TYPE DISCONNECT TERMINAL BLOCKS AND ACCESSORIES



ELECTRICAL RATINGS

CE (EN 60947-7-1 / 60947-7-3)
UL / CSA

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.
AWG CONDUCTOR / FINE STRAND WITH FERRULE
INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66 GREY GREY

MOUNTING RAILS

TS 35x7.5 SOLID TS 35x15 SOLID
TS 35x7.5 SLOTTED TS 35x15 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

END BRACKET

THICKNESS 8MM
KD 3



END PLATE

WIDTH 1.5 MM -
POLYAMIDE 66



NPP ASK 3

NPP ASK 2

CROSS CONNECTION



WARNING LABEL

IP WITH SYMBOL
WITHOUT SYMBOL



GROUP MARKING

GE GE2 GREY



TECHNICAL DATA

- MAX.CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

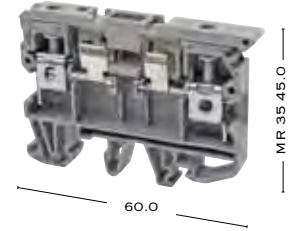
SEE PAGES 104 & 105 FOR FURTHER DETAIL

ASK 2 B

WIDTH 8 MM

360 119

360 110



TORQUE: 0.8 NM

VOLTAGE/CURRENT/CROSS-SECTION

500 V ~ / 6.3 A / 6 MM²
300 V ~ / 6.3 A / AWG 26 - 8

0.5 - 10 MM² / 1.5 - 10 MM²

26 - 8 / 1.5 - 6 MM²

12 MM / 0.8 NM

TYPE PART. NO. QTY.

ASK 2 B 360 119 25

TYPE PART. NO. STD. PK.

SLOTTED

35x7.5 TS3575SL 2M

35x7.5 TS3575SL1 1M

35x7.5 TS3575SL1-A 1M

35x15 TS3515SL 2M

SOLID

35x7.5 TS3575SOL 2M

35x15 TS3515SOL 2M

KD 3 495 049 100

NPP ASK 2 450 049 25

IP 2 S 498 130 25

IP 2 498 140 25

GE 496 119 50

GE 2 496 250 25

0.5 - 10 MM² / 10 MM² / 6.3 A

6 kV / 3

1 / B5

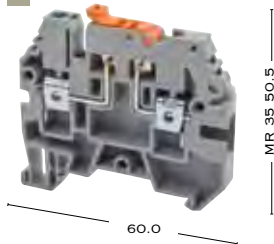
IP 20 / -

ASK 3 A

WIDTH 6.2 MM

353 109

353 100



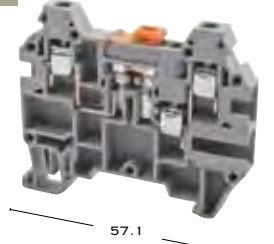
TORQUE: 0.5 NM

AVK 2.5 EA

WIDTH 6 MM

324 949

324 940



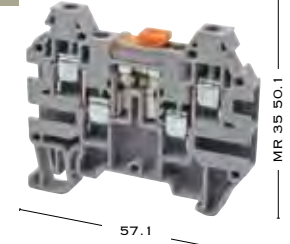
TORQUE: 0.5 NM

AVK 2.5 CCA

WIDTH 6 MM

324 939

324 930



TORQUE: 0.5 NM

VOLTAGE/CURRENT/CROSS-SECTION500 V ~ / 16 A / 4 MM²

600 V ~ / 16 A / AWG 26 - 10

0.5 - 6 MM² / 0.5 - 6 MM²26 - 10 / 0.5 - 4 MM²

10 MM / 0.5 NM

TYPE	PART. NO.	QTY.
ASK 3 A	353 109	50
TYPE	PART. NO.	STD. PK.

SLOTTED

35x7.5 **TS3575SL** 2M35x7.5 **TS3575SL1** 1M35x7.5 **TS3575SL1-A** 1M35x15 **TS3515SL** 2M

SOLID

35x7.5 **TS3575SOL** 2M35x15 **TS3515SOL** 2MKD 3 **495 049** 100NPP ASK 3 **450 059** 10UK 4/2 **476 232** 25UK 4/3 **476 233** 20UK 4/4 **476 234** 15IP 2 S **498 130** 25IP 2 **498 140** 25GE **496 119** 50GE 2 **496 250** 250.2 - 6 MM² / 6 MM² / 16 A

6 kV / 3

1 / B4

IP 20 / -

VOLTAGE/CURRENT/CROSS-SECTION400 V ~ / 16 A / 2.5 MM²0.5 - 4 MM² / 0.5 - 4 MM²26 - 12 / 0.5 - 2.5 MM²

10 - 0.5 NM

TYPE	PART. NO.	QTY.
AVK 2.5 EA	324 949	80
TYPE	PART. NO.	STD. PK.

SLOTTED

35x7.5 **TS3575SL** 2M35x7.5 **TS3575SL1** 1M35x7.5 **TS3575SL1-A** 1M35x15 **TS3515SL** 2M

SOLID

35x7.5 **TS3575SOL** 2M35x15 **TS3515SOL** 2MKD 3 **495 049** 100NPP AVK 2.5 CC **444 139** 25IP 2 S **498 130** 25IP 2 **498 140** 25GE **496 119** 50GE 2 **496 250** 250.5 - 4 MM² / 4 MM² / 16 A

8 kV / 3

1 / B3

IP 20 / -

VOLTAGE/CURRENT/CROSS-SECTION400 V ~ / 16 A / 2.5 MM²0.5 - 4 MM² / 0.5 - 4 MM²26 - 12 / 0.5 - 2.5 MM²

10 - 0.5 NM

TYPE	PART. NO.	QTY.
AVK 2.5 CCA	324 939	50
TYPE	PART. NO.	STD. PK.

SLOTTED

35x7.5 **TS3575SL** 2M35x7.5 **TS3575SL1** 1M35x7.5 **TS3575SL1-A** 1M35x15 **TS3515SL** 2M

SOLID

35x7.5 **TS3575SOL** 2M35x15 **TS3515SOL** 2MKD 3 **495 049** 100NPP AVK 2.5 CC **444 139** 25IP 2 S **498 130** 25IP 2 **498 140** 25GE **496 119** 50GE 2 **496 250** 250.5 - 4 MM² / 4 MM² / 16 A

8 kV / 3

1 / B3

IP 20 / -



ASK SERIES

SCREW TYPE DISCONNECT TERMINAL BLOCKS AND ACCESSORIES

ASK 3 MB

WIDTH 6.2 MM

363 009

363 000

HINGED

FUSE

MOUNT



MR 35 72.5

53.5

TORQUE: 0.5 NM



ELECTRICAL RATINGS

CE (EN 60947-7-1 / 60947-7-3)
UL / CSA

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.
AWG CONDUCTOR / FINE STRAND WITH FERRULE
INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66 GREY GREY

MOUNTING RAILS

TS 35x7.5 SOLID TS 35x15 SOLID
TS 35x7.5 SLOTTED TS 35x15 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

END BRACKET

THICKNESS 8MM
KD 3



END PLATE

WIDTH 1.5 MM -
POLYAMIDE 66



CROSS CONNECTION



WARNING LABEL

IP WITH SYMBOL
WITHOUT SYMBOL



GROUP MARKING

GE GE2 GREY



TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

SEE PAGES 104 & 105 FOR FURTHER DETAIL

VOLTAGE/CURRENT/CROSS-SECTION

500 V ~ / 16 A / 4 MM²

600 V ~ / 10 A / AWG 26 - 10

0.5 - 6 MM² / 0.5 - 6 MM²

26 - 8 / 0.5 - 4 MM²

10 MM / 0.5 NM

TYPE PART. NO. QTY.

ASK 3 MB 363 009 20

TYPE PART. NO. STD. PK.

SLOTTED

35x7.5 TS3575SL 2M

35x7.5 TS3575SL1 1M

35x7.5 TS3575SL1-A 1M

35x15 TS3515SL 2M

SOLID

35x7.5 TS3575SOL 2M

35x15 TS3515SOL 2M

KD 3 495 049 100

NPP ASK 3 450 059 10

UK 4/2 476 232 25

UK 4/3 476 233 20

UK 4/4 476 234 15

IP 2 S 498 130 25

IP 2 498 140 25

GE 496 119 50

GE 2 496 250 25

0.2 - 6 MM² / 6 MM² / 16 A

6 kV / 3

1 / B4

IP 20 / -

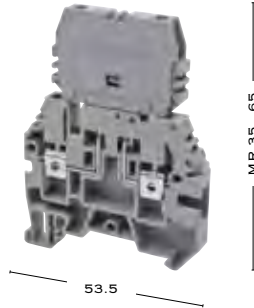
ASK 3 FB

WIDTH 6.2 MM

362 009

362 000

REMOVABLE
FUSE
MOUNT



MR 35 65

53.5

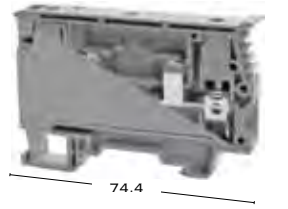
TORQUE: 0.5 NM

ASK 4 B

WIDTH 10 MM

360 129

360 120



MR 35 51.4

74.4

TORQUE: 0.8 NM

VOLTAGE/CURRENT/CROSS-SECTION

500 V ~ / 16 A / 4 MM²

600 V ~ / 10 A / AWG 26 - 10

0.5 - 6 MM² / 0.5 - 6 MM²

26 - 10 / 0.5 - 4 MM²

10 MM / 0.5 NM

TYPE	PART. NO.	QTY.
ASK 3 FB	362 009	20

TYPE	PART. NO.	STD. PK.
SLOTTED		

35x7.5	TS3575SL	2M
--------	-----------------	----

35x7.5	TS3575SL1	1M
--------	------------------	----

35x7.5	TS3575SL1-A	1M
--------	--------------------	----

35x15	TS3515SL	2M
-------	-----------------	----

SOLID		
-------	--	--

35x7.5	TS3575SOL	2M
--------	------------------	----

35x15	TS3515SOL	2M
-------	------------------	----

KD 3	495 049	100
------	----------------	-----

NPP ASK 3	450 059	10
-----------	----------------	----

UK 4/2	476 232	25
--------	----------------	----

UK 4/3	476 233	20
--------	----------------	----

UK 4/4	476 234	15
--------	----------------	----

IP 2 S	498 130	25
--------	----------------	----

IP 2	498 140	25
------	----------------	----

GE	496 119	50
----	----------------	----

GE 2	496 250	25
------	----------------	----

0.2 - 6 MM² / 6 MM² / 16 A

6 kV / 3

1 / B4

IP 20 / -

VOLTAGE/CURRENT/CROSS-SECTION

750 V ~ / 6.3 A / 6 MM²

600 V ~ / 6.3 A / AWG 22 - 8

0.5 - 10 MM² / 1.5 - 10 MM²

26 - 8 / 1.5 - 6 MM²

12 MM / 0.8 NM

TYPE	PART. NO.	QTY.
ASK 4 B	360 129	20

TYPE	PART. NO.	STD. PK.
SLOTTED		

35x7.5	TS3575SL	2M
--------	-----------------	----

35x7.5	TS3575SL1	1M
--------	------------------	----

35x7.5	TS3575SL1-A	1M
--------	--------------------	----

35x15	TS3515SL	2M
-------	-----------------	----

SOLID		
-------	--	--

35x7.5	TS3575SOL	2M
--------	------------------	----

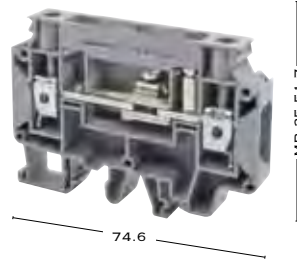
35x15	TS3515SOL	2M
-------	------------------	----

KD 3	495 049	100
------	----------------	-----



WGO 2 N

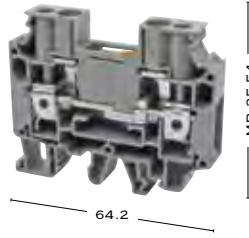
WIDTH 10 MM
... ..9



TORQUE: 1.2 NM

WGO 2 IR

WIDTH 10 MM
375 909



TORQUE: 1.5 NM

WGO 3

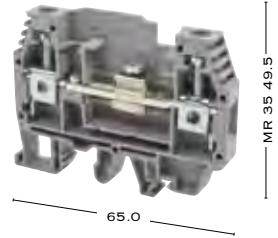
WIDTH 8 MM
... ..9



TORQUE: 0.8 NM

WGL 1

WIDTH 8 MM
375 790



TORQUE: 0.8 NM

VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION		
400 V ~ / 57 A / 10 MM ²			500 V ~ / 57 A / 10 MM ²			400 V ~ / 41 A / 6 MM ²			400 V ~ / 41 A / 6 MM ²		
						300 V ~ / 43 A / AWG 20-8			300 V ~ / 50 A / AWG 20-8		
			400 V ~ / 57 A			250 V ~ / 41 A					
1.5 - 16 MM ² / 1.5 - 16 MM ²			1.5 - 16 MM ² / 1.5 - 16 MM ²			0.5 - 10 MM ² / 1.5 - 10 MM ²			0.5 - 10 MM ² / 1.5 - 10 MM ²		
16 - 8 / 1.5 - 10 MM ²			16 - 8 / 1.5 - 10 MM ²			20 - 8 / 1.5 - 6 MM ²			20 - 8 / 1.5 - 6 MM ²		
10 MM / 1.2 NM			10 MM / 1.5 NM			10 MM / 0.8 NM			10 MM / 0.8 NM		
TYPE	PART. NO.	QTY.	TYPE	PART. NO.	QTY.	TYPE	PART. NO.	QTY.	TYPE	PART. NO.	QTY.
WGO 2 N	375 800 - 375 890	50	WGO 2 IR	375 900 - 375 909	50	WGO 3	375 600 - 375 690	50	WGL 1	375 700 - 375 790	50
WGO 2 N	375 801 - 375 891	50				WGO 3	375 601 - 375 691	50	WGL 1	375 701 - 375 791	50
WGO 2 N	375 804 - 375 894	50									
WGO 2 N	375 803 - 375 893	50				WGO 3	375 603 - 375 693	50	WGL 1	375 702 - 375 792	50
WGO 2 N	375 802 - 375 892	50				WGO 3	375 602 - 375 692	50			
TYPE	PART. NO.	STD. PK.	TYPE	PART. NO.	STD. PK.	TYPE	PART. NO.	STD. PK.	TYPE	PART. NO.	STD. PK.
SLOTTED			SLOTTED			SLOTTED			SLOTTED		
35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M	35x15	TS3515SL	2M	35x15	TS3515SL	2M	35x15	TS3515SL	2M
SOLID			SOLID			SOLID			SOLID		
35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M	35x15	TS3515SOL	2M	35x15	TS3515SOL	2M	35x15	TS3515SOL	2M
KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100
NPP WGO 2 N	450 230	25	NPP WGO 2IR	450 240	5	NPP WGO 3	450 220	25	NPP WGO 1-2	450 100	5
NPP WGO 2 N	450 239	25	NPP WGO 2IR	450 249	5	NPP WGO 3	450 229	25	NPP WGO 1-2	450 109	5
IZUK 10/2	476 402	10	IZUK 10W/2	476 502	10	IZUK 6/2	476 302	10	IZUK 6/2	476 302	10
IZUK 10/3	476 403	10	IZUK 10W/3	476 503	10	IZUK 6/3	476 303	10	IZUK 6/3	476 303	10
IZUK 10/4	476 404	10	IZUK 10W/4	476 504	10	IZUK 6/4	476 304	10	IZUK 6/4	476 304	10
IZUK 10/6	476 406	10	IZUK 10W/6	476 506	10	IZUK 6/6	476 306	10	IZUK 6/6	476 306	10
IZUK 10/10	476 409	5	IZUK 10W/10	476 509	10	IZUK 6/10	476 309	5	IZUK 6/10	476 309	5
						WGO UAA	498 300	1	WGO UAA	498 300	1
IP 2 S	498 130	25	IP 2 S	498 130	25	IP 2 S	498 130	25	IP 2 S	498 130	25
IP 2	498 140	25	IP 2	498 140	25	IP 2	498 140	25	IP 2	498 140	25
GE	496 119	50	GE	496 119	50	GE	496 119	50	GE	496 119	50
GE 2	496 250	25	GE 2	496 250	25	GE 2	496 250	25	GE 2	496 250	25
1.5 - 16 MM ² / 16 MM ² - 57A			1.5 - 16 MM ² / 16 MM ² - 57A			0.2 - 10 MM ² / 10 MM ² - 57A			0.2 - 10 MM ² / 10 MM ² - 57A		
4 kV / 3			6 kV / 3			6 kV / 3			6 kV / 3		
1 / B5			1 / A6			1 / B5			1 / B5		
IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		

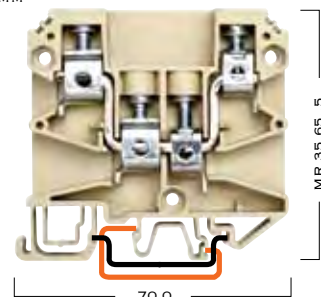


AYK SERIES

SCREW TYPE DISTRIBUTION TERMINAL BLOCKS AND ACCESSORIES

AYK 10/16

WIDTH 11 MM
395 100



TORQUE: 1.2 NM



ELECTRICAL RATINGS

CE (EN 60947-7-1)

UL / CSA

ATEX

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.

AWG CONDUCTOR / FINE STRAND WITH FERRULE

INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66

BEIGE

VOLTAGE/CURRENT/CROSS-SECTION

750 V ~ / (57-76 A) / (10-16 mm²)

MOUNTING RAILS

TS 35X7.5 SOLID

TS 35X15 SOLID

TS 35X7.5 SLOTTED

TS 35X15 SLOTTED



STEEL SLOT DIM.

25MM ON 36MM CENTER

5.2MM SLOT WIDTH



ALUMINUM SLOT DIM.

13MM ON 26MM CENTER

5MM SLOT WIDTH

END BRACKET

THICKNESS 8MM

KD 3



GREY

END PLATE

WIDTH 1.5 MM -

POLYAMIDE 66



NPP AYK

BEIGE

TEST PLUG-SOC. / INS. TEST SOC.

TF



ITK



T5K



WARNING LABEL

IP



WITH SYMBOL

WITHOUT SYMBOL

GROUP MARKING

GE



GE2



GREY

TECHNICAL DATA

• MAX.CLAMPING RANGE / MAX. TECHNICAL DATA

• RATED IMPULSE VOLTAGE / POLLUTION SEVERITY

• INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1

• PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

SEE PAGES 104 & 105 FOR FURTHER DETAIL

TYPE PART. NO. STD. PK.

SLOTTED

35X7.5

TS3575SL

2M

35X7.5

TS3575SL1

1M

35X7.5

TS3575SL1-A

1M

35X15

TS3515SL

2M

SOLID

35X7.5

TS3575SOL

2M

35X15

TS3515SOL

2M

KD 3

495 049

100

NPP AYK

450 090

10

TF (Ø4)

493 040

5

TSK 8 (Ø4)

490 080

5

ITK 32 (Ø4)

492 020

5

IP 2 S

498 130

25

IP 2

498 140

25

GE

496 119

50

GE 2

496 250

25

0.5 - 16 mm² / 16 mm² - 76 A

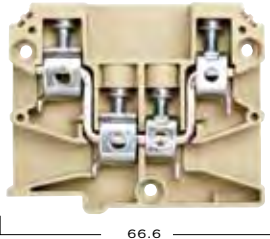
8 kV / 3

I / B6

IP 20 / -

AYK 10/16

WIDTH 11 MM
395 200



TORQUE: 1.2 NM

VOLTAGE/CURRENT/CROSS-SECTION
750 V ~ / (57-76 A) / (10-16 MM²)

1.5 - 25 MM² / 1.5 - 25 MM² 1.5 - 16 MM² / 1.5 - 16 MM²
12 - 4 / 1.5 - 16 MM² 16 - 8 / 1.5 - 10 MM²
12 MM / 1.2 NM 10 MM / 1.2 NM

TYPE	PART. NO.	QTY.
AYK 10/16	395 200	20

TYPE	PART. NO.	STD. PK.
SLOTTED		
35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M

KD 3	495 049	100
------	----------------	-----

NPP AYK	450 090	10
---------	----------------	----

TF (Ø4)	493 040	5
---------	----------------	---

TSK 8 (Ø4)	490 080	5
------------	----------------	---

ITK 32 (Ø4)	492 020	5
-------------	----------------	---

IP 2 S	498 130	25
--------	----------------	----

IP 2	498 140	25
------	----------------	----

GE	496 119	50
----	----------------	----

GE 2	496 250	25
------	----------------	----

0.5 - 16 MM² / 16 MM² - 76 A

8 kV / 3

1 / B6

IP 20 / -

AYK 10/16 2, 3, 4, 5

WIDTH 23.5-34.5-45.5-56.5 MM
(WITH END PLATE)



TORQUE: 1.2 NM

VOLTAGE/CURRENT/CROSS-SECTION
750 V ~ / (57-76 A) / (10-16 MM²)

1.5 - 25 MM² / 1.5 - 25 MM² 1.5 - 16 MM² / 1.5 - 16 MM²
12 - 4 / 1.5 - 16 MM² 16 - 8 / 1.5 - 10 MM²
12 MM / 1.2 NM 10 MM / 1.2 NM

TYPE	PART. NO.	QTY.
AYK 10/16-2	395 220	
AYK 10/16-3	395 230	
AYK 10/16-4	395 240	
AYK 10/16-5	395 250	

TYPE	PART. NO.	STD. PK.
SLOTTED		
35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M

KD 3	495 049	100
------	----------------	-----

NPP AYK	450 090	10
---------	----------------	----

TF (Ø4)	493 040	5
---------	----------------	---

TSK 8 (Ø4)	490 080	5
------------	----------------	---

ITK 32 (Ø4)	492 020	5
-------------	----------------	---

IP 2 S	498 130	25
--------	----------------	----

IP 2	498 140	25
------	----------------	----

GE	496 119	50
----	----------------	----

GE 2	496 250	25
------	----------------	----

0.5 - 16 MM² / 16 MM² - 76 A

8 kV / 3

1 / B6

IP 20 / -

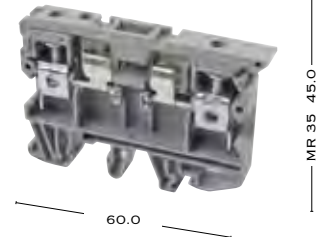


ASK SERIES

SCREW TYPE FUSE TERMINAL
BLOCKS AND ACCESSORIES
FOR 5X20MM, 5X25MM FUSES

ASK 2 S

WIDTH 8 MM
350 109
351 100



TORQUE: 0.8 NM



ELECTRICAL RATINGS

CE (EN 60947-7-1 / 60947-7-3)
UL / CSA

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.
AWG CONDUCTOR / FINE STRAND WITH FERRULE
INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66 GREY

VOLTAGE/CURRENT/CROSS-SECTION

500 V ~ / 6.3 A / 6 MM²
300 V ~ / 6.3 A / AWG 26 - 8

0.5 - 10 MM² / 1.5 - 10 MM²

26 - 8 / 1.5 - 6 MM²

12 MM / 0.8 NM

TYPE	PART. NO.	QTY.
ASK 2 S	351 109	50

MOUNTING RAILS

TS 35X7.5 SOLID
TS 35X7.5 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH

TS 35X15 SOLID
TS 35X15 SLOTTED



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH GREY

END BRACKET

THICKNESS 8MM
KD 3



GREY

END PLATE

WIDTH 1.5 MM -
POLYAMIDE 66



NPP ASK 3



NPP ASK 2

CROSS CONNECTION



WARNING LABEL

IP



WITH SYMBOL
WITHOUT SYMBOL

GROUP MARKING

GE



GE2



GREY

TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

SEE PAGES 104 & 105 FOR FURTHER DETAIL

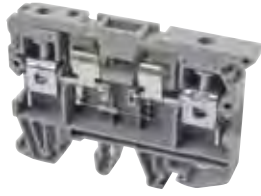
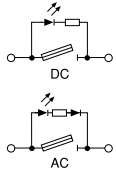
TYPE	PART. NO.	STD. PK.
SLOTTED		
35X7.5	TS3575SL	2M
35X7.5	TS3575SL1	1M
35X7.5	TS3575SL1-A	1M
35X15	TS3515SL	2M
SOLID		
35X7.5	TS3575SOL	2M
35X15	TS3515SOL	2M
KD 3	495 049	100
NPP ASK 2	450 049	25
IP 2 S	498 130	25
IP 2	498 140	25
GE	496 119	50
GE 2	496 250	25

ASK 2 LD

WIDTH 8 MM

... ..9

... ..9



60.0

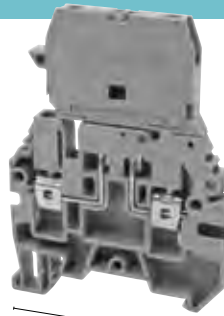
TORQUE: 0.8 NM

ASK 3 M

WIDTH 6.2 MM

355 109

355 100



53.5

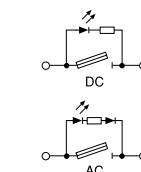
TORQUE: 0.5 NM

ASK 3 MLD

WIDTH 6.2 MM

... ..9

... ..0



53.5

TORQUE: 0.5 NM

VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION		
- V ~ / 6.3 A / 6 MM ²			500 V ~ / 10 A / 4 MM ²			- V ~ / 10 A / 4 MM ²		
- V ~ / 6.3 A / AWG 26 - 8			600 V ~ / 10 A / AWG 26 - 10			- V ~ / 10 A / AWG 26 - 10		
0.5 - 10 MM ² / 1.5 - 10 MM ²			0.5 - 6 MM ² / 0.5 - 6 MM ²			0.5 - 6 MM ² / 0.5 - 6 MM ²		
26 - 8 / 1.5 - 6 MM ²			26 - 8 / 0.5 - 4 MM ²			26 - 10 / 0.5 - 4 MM ²		
12 MM / 0.8 NM			10 MM / 0.5 NM			10 MM / 0.5 NM		
TYPE	PART. NO.	QTY.	TYPE	PART. NO.	QTY.	TYPE	PART. NO.	QTY.
ASK 2 LD	351 219 (24VAC)	25	ASK 3 M	355 109	30	ASK 3 MLD	355 219 (24VAC)	30
ASK 2 LD	351 229 (24VDC)	25				ASK 3 MLD	355 229 (24VDC)	30
ASK 2 LD	351 319 (48VAC)	25				ASK 3 MLD	355 319 (48VAC)	30
ASK 2 LD	351 329 (48VDC)	25				ASK 3 MLD	355 329 (48VDC)	30
ASK 2 LD	351 519 (110VAC)	25				ASK 3 MLD	355 519 (110VAC)	30
ASK 2 LD	351 529 (110VDC)	25				ASK 3 MLD	355 529 (110VDC)	30
ASK 2 LD	351 619 (220VAC)	25				ASK 3 MLD	355 619 (220VAC)	30
ASK 2 LD	351 629 (220VDC)	25				ASK 3 MLD	355 629 (220VDC)	30
TYPE	PART. NO.	STD. PK.	TYPE	PART. NO.	STD. PK.	TYPE	PART. NO.	STD. PK.
SLOTTED			SLOTTED			SLOTTED		
35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M	35x15	TS3515SL	2M	35x15	TS3515SL	2M
SOLID			SOLID			SOLID		
35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M	35x15	TS3515SOL	2M	35x15	TS3515SOL	2M
KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100
NPP ASK 2	450 049	25	NPP ASK 3	450 059	10	NPP ASK 3	450 059	10
UK 4/2	476 232	25	UK 4/2	476 232	25	UK 4/2	476 232	25
UK 4/3	476 233	20	UK 4/3	476 233	20	UK 4/3	476 233	20
UK 4/4	476 234	15	UK 4/4	476 234	15	UK 4/4	476 234	15
IP 2 S	498 130	25	IP 2 S	498 130	25	IP 2 S	498 130	25
IP 2	498 140	25	IP 2	498 140	25	IP 2	498 140	25
GE	496 119	50	GE	496 119	50	GE	496 119	50
GE 2	496 250	25	GE 2	496 250	25	GE 2	496 250	25
0.5 - 10 MM ² / 10 MM ² / 6.3 A			0.2 - 6 MM ² / 6 MM ² / 10 A			0.2 - 6 MM ² / 6 MM ² / 10 A		
6 kV / 3			6 kV / 3			6 kV / 3		
1 / B5			1 / B4			1 / B4		
IP 20 / -			IP 20 / -			IP 20 / -		



ASK/AVK SERIES

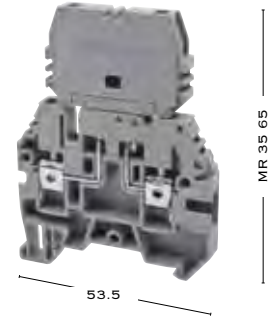
SCREW TYPE FUSE TERMINAL
BLOCKS AND ACCESSORIES
FOR 5X20MM, 5X25MM FUSES

ASK 3 F

WIDTH 6.2 MM

354 109

354 100



TORQUE: 0.5 NM



ELECTRICAL RATINGS

CE (EN 60947-7-1 / 60947-7-3)

UL / CSA

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.

AWG CONDUCTOR / FINE STRAND WITH FERRULE

INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66 GREY

VOLTAGE/CURRENT/CROSS-SECTION

500 V ~ / 10 A / 4 MM²

600 V ~ / 10 A / AWG 26 - 10

0.5 - 6 MM² / 0.5 - 6 MM²

26 - 10 / 0.5 - 4 MM²

12 MM / 0.5 NM

TYPE	PART. NO.	QTY.
ASK 3 F	354 109	30

MOUNTING RAILS

TS 35X7.5 SOLID

TS 35X7.5 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH

TS 35X15 SOLID

TS 35X15 SLOTTED



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH GREY

END BRACKET

THICKNESS 8MM

KD 3



GREY

END PLATE

WIDTH 1.5 MM -
POLYAMIDE 66



NPP ASK 3



NPP AVK 4 FS

CROSS CONNECTION



WARNING LABEL

IP



WITH SYMBOL

WITHOUT SYMBOL

GROUP MARKING

GE



GE2



GREY

TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

SEE PAGES 104 & 105 FOR FURTHER DETAIL

TYPE PART. NO. STD. PK.

SLOTTED

35X7.5 **TS3575SL** 2M

35X7.5 **TS3575SL1** 1M

35X7.5 **TS3575SL1-A** 1M

35X15 **TS3515SL** 2M

SOLID

35X7.5 **TS3575SOL** 2M

35X15 **TS3515SOL** 2M

KD 3 **495 049** 100

NPP ASK 3 **450 059** 10

UK 4/2 **476 232** 25

UK 4/3 **476 233** 20

UK 4/4 **476 234** 15

IP 2 S **498 130** 25

IP 2 **498 140** 25

GE **496 119** 50

GE 2 **496 250** 25

0.2 - 6 MM² / 6 MM² / 10 A

6 kV / 3

1 / B4

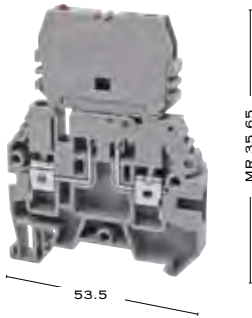
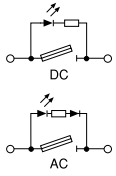
IP 20 / -

ASK 3 FLD

WIDTH 6.2 MM

... ..9

... ..0



MR 35 65

53.5

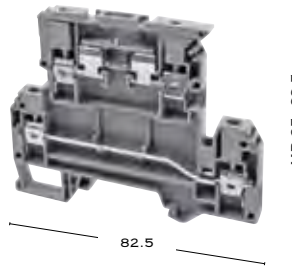
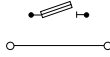
TORQUE: 0.5 NM

AVK 4 FS

WIDTH 8 MM

353 309

353 300



MR 35 66.5

82.5

TORQUE: 0.5 NM

VOLTAGE/CURRENT/CROSS-SECTION

- V ~ / 10 A / 4 MM²

- V ~ / 10 A / AWG 26 - 10

0.5 - 6 MM² / 0.5 - 6 MM²

26 - 10 / 0.5 - 4 MM²

12 MM / 0.5 NM

TYPE	PART. NO.	QTY.
ASK 3 FLD	354 219 (24VAC)	30
ASK 3 FLD	354 229 (24VDC)	30
ASK 3 FLD	354 319 (48VAC)	30
ASK 3 FLD	354 329 (48VDC)	30
ASK 3 FLD	354 519 (110VAC)	30
ASK 3 FLD	354 529 (110VDC)	30
ASK 3 FLD	354 619 (220VAC)	30
ASK 3 FLD	354 629 (220VDC)	30
TYPE	PART. NO.	STD. PK.
SLOTTED		
35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M
KD 3	495 049	100
NPP ASK 3	450 059	10
UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15
IP 2 S	498 130	25
IP 2	498 140	25
GE	496 119	50
GE 2	496 250	25
0.2 - 6 MM ² / 6 MM ² / 10 A		
6 kV / 3		
1 / B4		
IP 20 / -		

VOLTAGE/CURRENT/CROSS-SECTION

500 V ~ / 6.3 A / 4 MM² - 500V ~ / 32 A / 4 MM²

300 V ~ / 6.3 A / 4 MM² - 300V ~ / 30 A / 4 MM²

0.5 - 10 MM² / 1.5 - 10 MM²

26 - 8 / 1.5 - 6 MM²

12 MM / 0.8 NM

TYPE	PART. NO.	QTY.
AVK 4 FS	353 309	50
TYPE	PART. NO.	STD. PK.
SLOTTED		
35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M
KD 3	495 049	100
NPP AVK 4 FS	450 209	10
UK 6/2	476 242	25
UK 6/3	476 243	20
UK 6/4	476 244	15
UK 6/10	476 249	5
IP 2 S	498 130	25
IP 2	498 140	25
GE	496 119	50
GE 2	496 250	25
0.2 - 4 MM ² / 6 MM ² - 10 A / 41 A		
6 kV / 3		
1 / B4		
IP 20 / -		





ASK SERIES

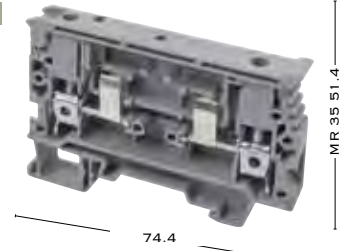
SCREW TYPE FUSE TERMINAL
BLOCKS FOR AMERICAN
STANDARDS AND ACCESSORIES
FOR 1 1/4"x1/4" FUSES
(FULLY ENCLOSED, NO END
PLATE REQUIRED)

ASK 4 S

WIDTH 10 MM

351 129

351 120



TORQUE: 0.8 NM



ELECTRICAL RATINGS

CE (EN 60947-7-1 / 60947-7-3)

UL / CSA

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.

AWG CONDUCTOR / FINE STRAND WITH FERRULE

INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66 GREY

VOLTAGE/CURRENT/CROSS-SECTION

750 V ~ / 6.3 A / 6 MM²

600 V ~ / 6.3 A / AWG 22 - 8

0.5 - 10 MM² / 1.5 - 10 MM²

22 - 8 / 1.5 - 6 MM²

12 MM / 0.8 NM

TYPE	PART. NO.	QTY.
ASK 4 S	351 129	20

MOUNTING RAILS

TS 35X7.5 SOLID

TS 35X7.5 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH

TS 35X15 SOLID

TS 35X15 SLOTTED



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH GREY

END BRACKET

THICKNESS 8MM

KD 3



GREY

WARNING LABEL

IP



WITH SYMBOL

WITHOUT SYMBOL

GROUP MARKING

GE



GE2



GREY

TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

SEE PAGES 104 & 105 FOR FURTHER DETAIL

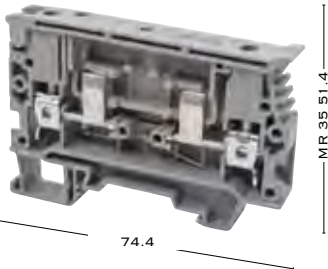
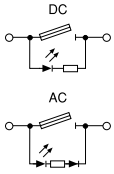
TYPE	PART. NO.	STD. PK.
SLOTTED		
35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M
KD 3	495 049	100
IP 2 S	498 130	25
IP 2	498 140	25
GE	496 119	50
GE 2	496 250	25

ASK 4 LD

WIDTH 10 MM

... ..9

... ..O



TORQUE: 0.8 NM

VOLTAGE/CURRENT/CROSS-SECTION

- V ~ / 6.3 A / 6 MM²

- V ~ / - A / AWG 22 - 8

0.5 - 10 MM² / 1.5 - 10 MM²

22 - 8 / 1.5 - 6 MM²

12 MM / 0.8 NM

TYPE	PART. NO.	QTY.
ASK 4 LD	351 719 (24VAC)	20
ASK 4 LD	351 729 (24VDC)	20
ASK 4 LD	351 739 (48VAC)	20
ASK 4 LD	351 749 (48VDC)	20
ASK 4 LD	351 759 (110VAC)	20
ASK 4 LD	351 769 (110VDC)	20
ASK 4 LD	351 779 (220VAC)	20
ASK 4 LD	351 789 (220VDC)	20

TYPE	PART. NO.	STD. PK.
SLOTTED		
35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M

KD 3 **495 049** 100

IP 2 S **498 130** 25

IP 2 **498 140** 25

GE **496 119** 50

GE 2 **496 250** 25

0.5 - 10 MM² / 10 MM² / 6.3 A

8 kV / 3

1 / B4

IP 20 / -



PEK SERIES

FEED-THROUGH TERMINAL BLOCKS AND ACCESSORIES

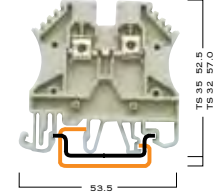
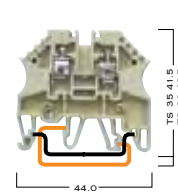
PEK 2.5 K

WIDTH 5 MM
305 110

PEK 2.5

WIDTH 6 MM
305 120

PEK TYPE TERMINALS ARE MANUFACTURED FROM A THERMOPLASTIC MATERIAL AND ARE MOUNTABLE ON TS35 AND TS32 DIN RAILS. NINE DIFFERENT COLORS GIVE USERS THE ABILITY TO GROUP CONTROL SYSTEMS, CURRENT AND/OR VOLTAGE LEVELS.



COLORS	TERMINALS	END PLATE	PARTITION
	PART NUMBER	PART NUMBER	PART NUMBER
	PEK 2.5 K	NPP	APP
BEIGE	305 110	445 110	463 110
BLUE	305 111	445 111	463 111
GREEN	305 112	445 112	463 112
YELLOW	305 113	445 113	463 113
RED	305 114	445 114	463 114
BLACK	305 115	445 115	463 115
WHITE	305 116	445 116	463 116
ORANGE	305 117	445 117	463 117
BROWN	305 118	445 118	463 118
	PEK 2.5	NPP	APP
BEIGE	305 120	445 150	463 150
BLUE	305 121	445 151	463 151
GREEN	305 122	445 152	463 152
YELLOW	305 123	445 153	463 153
RED	305 124	445 154	463 154
BLACK	305 125	445 155	463 155
WHITE	305 126	445 156	463 156
ORANGE	305 127	445 157	463 157
BROWN	305 128	445 158	463 158
	PEK 4	NPP	APP
BEIGE	305 130	445 150	463 150
BLUE	305 131	445 151	463 151
GREEN	305 132	445 152	463 152
YELLOW	305 133	445 153	463 153
RED	305 134	445 154	463 154
BLACK	305 135	445 155	463 155
WHITE	305 136	445 156	463 156
ORANGE	305 137	445 157	463 157
BROWN	305 138	445 158	463 158
	PEK 6	NPP	APP
BEIGE	305 140	445 150	463 150
BLUE	305 141	445 151	463 151
GREEN	305 142	445 152	463 152
YELLOW	305 143	445 153	463 153
RED	305 144	445 154	463 154
BLACK	305 145	445 155	463 155
WHITE	305 146	445 156	463 156
ORANGE	305 147	445 157	463 157
BROWN	305 148	445 158	463 158
	PEK 10	NPP	APP
BEIGE	305 150	445 150	463 150
BLUE	305 151	445 151	463 151
GREEN	305 152	445 152	463 152
YELLOW	305 153	445 153	463 153
RED	305 154	445 154	463 154
BLACK	305 155	445 155	463 155
WHITE	305 156	445 156	463 156
ORANGE	305 157	445 157	463 157
BROWN	305 158	445 158	463 158
	PEK 16	NPP	APP
BEIGE	305 160	445 170	463 170
BLUE	305 161	445 171	463 171
GREEN	305 162	445 172	463 172
YELLOW	305 163	445 173	463 173
RED	305 164	445 174	463 174
BLACK	305 165	445 175	463 175
WHITE	305 166	445 176	463 176
ORANGE	305 167	445 177	463 177
BROWN	305 168	445 178	463 178
	PEK 35	NPP	APP
BEIGE	305 170	445 170	463 170
BLUE	305 171	445 171	463 171
GREEN	305 172	445 172	463 172
YELLOW	305 173	445 173	463 173
RED	305 174	445 174	463 174
BLACK	305 175	445 175	463 175
WHITE	305 176	445 176	463 176
ORANGE	305 177	445 177	463 177
BROWN	305 178	445 178	463 178
	PEK 35 I	NPP	APP
BEIGE	305 180	445 170	463 170
BLUE	305 181	445 171	463 171
GREEN	305 182	445 172	463 172
YELLOW	305 183	445 173	463 173
RED	305 184	445 174	463 174
BLACK	305 185	445 175	463 175
WHITE	305 186	445 176	463 176
ORANGE	305 187	445 177	463 177
BROWN	305 188	445 178	463 178

ELECTRICAL RATINGS

VOLTAGE/CURRENT/CROSS-SECTION
VDE (IEC 60947-7-1)
UL

INSULATION STRIPPING LENGTH

CONNECTION DATA

SOLID STRAND, SCREW CONNECTION
FINE STRAND, SCREW CONNECTION
AWG CONDUCTOR

ORDERING DATA

POLYAMIDE 6.6 BEIGE

MOUNTING RAILS

TS 35X7.5 SOLID TS 35X15 SOLID
TS 35X7.5 SLOTTED TS 35X15 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

END BRACKET

THICKNESS 8MM



END PLATE - PARTITION

THICKNESS 1.5MM

POLYAMIDE 6.6

NPP APP

SMALL PARTITION



CROSS CONNECTION



SWITCHABLE CROSS CONNECTION LINKS



TEST PLUG-Soc. / INS. TEST Soc.



WARNING LABEL

IP



WITH SYMBOL
WITHOUT SYMBOL

GROUP MARKING

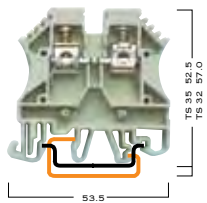
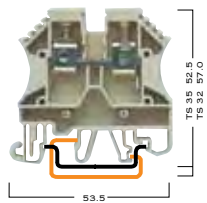
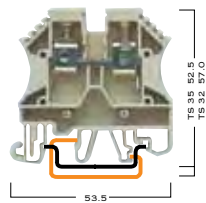
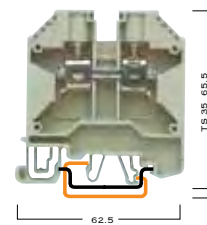
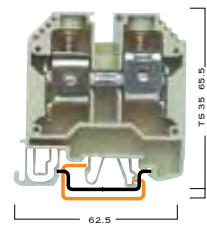
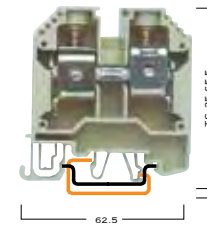
GE GE 1 - GE 2 MGE 1 BEIGE



MARKING TAGS

SEE PAGE 104 & 105 FOR FURTHER DETAIL.

500 V~/18 A/1.5 MM ²	750 V~/26 A/2.5 MM ²
500 V~/17.5 A/1.5 MM ²	750 V~/26 A/2.5 MM ²
600 V~/18 A/AWG 26-12	600 V~/26 A/AWG 26-12
10 MM	10 MM
0.5 - 2.5 MM ²	0.5 - 4 MM ²
1.5 - 2.5 MM ²	1.5 - 2.5 MM ²
26 - 12	26 - 12
PART No. STD. PK.	PART No. STD. PK.
305 110 100	305 120 100
TYPE PART No. STD. PK.	TYPE PART No. STD. PK.
SLOTTED	SLOTTED
35X7.5 TS3575SL 2M	35X7.5 TS3575SL 2M
35X7.5 TS3575SL1 1M	35X7.5 TS3575SL1 1M
35X7.5 TS3575SL1-A 1M	35X7.5 TS3575SL1-A 1M
35X15 TS3515SL 2M	35X15 TS3515SL 2M
SOLID	SOLID
35X7.5 TS3575SOL 2M	35X7.5 TS3575SOL 2M
35X15 TS3515SOL 2M	35X15 TS3515SOL 2M
KD 3 495 040 100	KD 3 495 040 100
NPP 2.5 K 445 110 100	NPP 2.5-10 445 150 100
APP 2.5 K 463 110 25	APP 2.5-10 463 150 25
AD 1 467 910 100	
	AD 2 467 950 100
UK 2.5/2 475 112 25	UK 2.5/2 475 122 25
UK 2.5/3 475 113 20	UK 2.5/3 475 123 20
UK 2.5/4 475 114 15	UK 2.5/4 475 124 15
UK 2.5/10 475 119 5	UK 2.5/10 475 129 5
TF (Ø2) 493 020 5	TF (Ø2) 493 020 5
TF(Ø2.3) 493 023 5	TF(Ø2.3) 493 023 5
TSK 1(Ø2) 490 010 5	TSK 2(Ø2) 490 020 5
TSK 3 (Ø2.3) 490 030 5	TSK 4 (Ø2.3) 490 040 5
	ITK 28 (Ø4) 492 010 5
IP 1 S 498 110 25	IP 2 S 498 130 25
IP 1 498 120 25	IP 2 498 140 25
GE 496 110 50	GE 496 110 50
GE 1 496 210 25	GE 2 496 250 25
MGE 1 496 260 25	MGE 1 496 260 25

PEK 4WIDTH 6.5 MM
305 130**PEK 6**WIDTH 8 MM
305 140**PEK 10**WIDTH 10 MM
305 150**PEK 16**WIDTH 12 MM
305 160**PEK 35**WIDTH 16 MM
305 170**PEK 35 I**WIDTH 16 MM
305 180

(WITH HEXAGON SOCKET SCREW)

750 V~/34 A/4 MM ²	750 V~/44 A/6 MM ²	750 V~/61 A/10 MM ²	750 V~/82 A/16 MM ²	750 V~/135 A/35 MM ²	750 V~/135 A/35 MM ²
750 V~/32 A/4 MM ²	750 V~/41 A/6 MM ²	750 V~/57 A/10 MM ²	750 V~/76 A/16 MM ²	750 V~/125 A/35 MM ²	750 V~/125 A/35 MM ²
600 V~/34 A/AWG 26-10	600 V~/44 A/AWG 26-8	600 V~/50 A/AWG 16-8	600 V~/65 A/AWG 14-6	600 V~/115 A/AWG 10-2	600 V~/115 A/AWG 10-2
10 MM	12 MM	12 MM	16 MM	18 MM	18 MM
0.5 - 6 MM ²	0.5 - 10 MM ²	1.5 - 16 MM ²	1.5 - 16 MM ²	6 - 16 MM ²	6 - 16 MM ²
1.5 - 4 MM ²	1.5 - 6 MM ²	1.5 - 10 MM ²	1.5 - 16 MM ²	6 - 35 MM ²	6 - 35 MM ²
26 - 10	26 - 8	16 - 6	14 - 4	10 - 1	10 - 1
PART NO. STD. PK.	PART NO. STD. PK.	PART NO. STD. PK.	PART NO. STD. PK.	PART NO. STD. PK.	PART NO. STD. PK.
305 130 100	305 140 100	305 150 100	305 160 50	305 170 50	305 180 30
TYPE PART NO. STD. PK.	TYPE PART NO. STD. PK.	TYPE PART NO. STD. PK.	TYPE PART NO. STD. PK.	TYPE PART NO. STD. PK.	TYPE PART NO. STD. PK.
SLOTTED	SLOTTED	SLOTTED	SLOTTED	SLOTTED	SLOTTED
35x7.5 TS3575SL 2M	35x7.5 TS3575SL 2M	35x7.5 TS3575SL 2M	35x7.5 TS3575SL 2M	35x7.5 TS3575SL 2M	35x7.5 TS3575SL 2M
35x7.5 TS3575SL1 1M	35x7.5 TS3575SL1 1M	35x7.5 TS3575SL1 1M	35x7.5 TS3575SL1 1M	35x7.5 TS3575SL1 1M	35x7.5 TS3575SL1 1M
35x7.5 TS3575SL1-A 1M	35x7.5 TS3575SL1-A 1M	35x7.5 TS3575SL1-A 1M	35x7.5 TS3575SL1-A 1M	35x7.5 TS3575SL1-A 1M	35x7.5 TS3575SL1-A 1M
35x15 TS3515SL 2M	35x15 TS3515SL 2M	35x15 TS3515SL 2M	35x15 TS3515SL 2M	35x15 TS3515SL 2M	35x15 TS3515SL 2M
SOLID	SOLID	SOLID	SOLID	SOLID	SOLID
35x7.5 TS3575SOL 2M	35x7.5 TS3575SOL 2M	35x7.5 TS3575SOL 2M	35x7.5 TS3575SOL 2M	35x7.5 TS3575SOL 2M	35x7.5 TS3575SOL 2M
35x15 TS3515SOL 2M	35x15 TS3515SOL 2M	35x15 TS3515SOL 2M	35x15 TS3515SOL 2M	35x15 TS3515SOL 2M	35x15 TS3515SOL 2M
KD 3 495 040 100	KD 3 495 040 100	KD 3 495 040 100	KD 3 495 040 100	KD 3 495 040 100	KD 3 495 040 100
NPP 2.5-10 445 150 100	NPP 2.5-10 445 150 100	NPP 2.5-10 445 150 100	NPP 16-35 445 170 25	NPP 16-35 445 170 25	NPP 16-35 445 170 25
APP 2.5-10 463 150 25	APP 2.5-10 463 150 25	APP 2.5-10 463 150 25	APP 16-35 463 170 25	APP 16-35 463 170 25	APP 16-35 463 170 25
AD 2 467 950 100	AD 2 467 950 100	AD 2 467 950 100			
UK 4/2 475 132 25	UK 6/2 475 142 25	UK 10/2 475 152 25	UK 16/2 475 162 25	UK 35/2 475 172 25	UK 35/2 475 172 25
UK 4/3 475 133 20	UK 6/3 475 143 20	UK 10/3 475 153 20	UK 16/3 475 163 20	UK 35/3 475 173 20	UK 35/3 475 173 20
UK 4/4 475 134 15	UK 6/4 475 144 15	UK 10/4 475 154 15	UK 16/4 475 164 15	UK 35/4 475 174 15	UK 35/4 475 174 15
UK 4/10 475 139 5	UK 6/10 475 149 5	UK 10/10 475 159 5	UK 16/10 475 169 5	UK 35/10 475 179 5	UK 35/10 475 179 5
CK 4 485 204 25	CK 6 485 206 25	CK 10 485 210 25	CK 16 485 216 10	CK 16 485 235 10	CK 16 485 235 10
TF(Ø2.3) 493 023 5	TF(Ø2.3) 493 023 5	TF(Ø2.3) 493 023 5	TF(Ø4) 493 040 5	TF(Ø4) 493 040 5	TF(Ø4) 493 040 5
TF(Ø4) 493 040 5	TF(Ø4) 493 040 5	TF(Ø4) 493 040 5			
TSK 4(Ø2.3) 490 040 5	TSK 4(Ø2.3) 490 040 5	TSK 4(Ø2.3) 490 040 5	TSK 8(Ø4) 490 080 5	TSK 9(Ø4) 490 090 5	TSK 9(Ø4) 490 090 5
TSK 7(Ø4) 490 070 5	TSK 7(Ø4) 490 070 5	TSK 7(Ø4) 490 070 5			
ITK 28((Ø4) 492 010 5	ITK 28((Ø4) 492 010 5	ITK 28((Ø4) 492 010 5	ITK 32(Ø4) 492 020 5		
IP 2 S 498 130 25	IP 2 S 498 130 25	IP 2 S 498 130 25	IP 3 S 498 143 25	IP 3 S 498 143 25	IP 3 S 498 143 25
IP 2 498 140 25	IP 2 498 140 25	IP 2 498 140 25	IP 3 498 145 25	IP 3 498 145 25	IP 3 498 145 25
GE 496 110 50	GE 496 110 50	GE 496 110 50	GE 496 110 50	GE 496 110 50	GE 496 110 50
GE 2 496 250 25	GE 2 496 250 25	GE 2 496 250 25	GE 3 496 255 10	GE 3 496 255 10	GE 3 496 255 10
MGE 1 496 260 25	MGE 1 496 260 25	MGE 1 496 260 25	MGE 1 496 260 25	MGE 1 496 260 25	MGE 1 496 260 25



WGT SERIES

GROUND TERMINAL BLOCKS

WGT SERIES GROUND TERMINALS CAN BE USED ON BOTH TS35 AND TS32 DIN RAILS. THE YELLOW/GREEN COLOR COMBINATION MEETS INTERNATIONAL STANDARDS FOR GROUND LABELING. THE INTERNAL METAL PARTS ELECTRICALLY CONNECT THE FIELD WIRING TO THE DIN RAIL. DIN RAILS MOUNTED TO METALLIC CABINETRY AND CONNECTED TO EARTH, COMPLETE THE PROPER GROUNDING PROCESS.



ELECTRICAL RATINGS

VOLTAGE/CURRENT/CROSS-SECTION
VDE (IEC 60947-7-2)
UL

INSULATION STRIPPING LENGTH

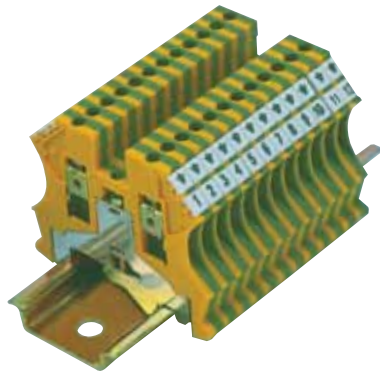
CONNECTION DATA

SOLID STRAND, SCREW CONNECTION
FINE STRAND, SCREW CONNECTION
AWG CONDUCTOR

ORDERING DATA

POLYAMIDE 6.6

YELLOW-GREEN



MOUNTING RAILS

TS 35x7.5 SOLID

TS 35x7.5 SLOTTED

TS 35x15 SOLID

TS 35x15 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

THICKNESS 8MM

KD 3



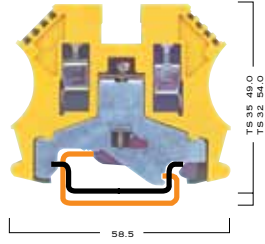
BEIGE

MARKING TAGS

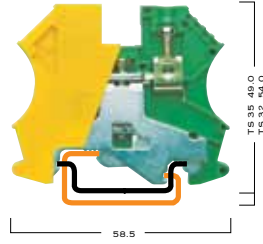
SEE PAGE 104 & 105 FOR FURTHER DETAIL.

WGT 2.5

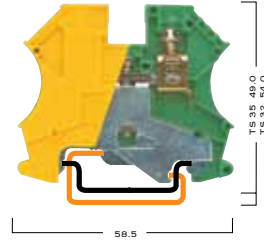
WIDTH 5 MM
331 120

**WGT 4**

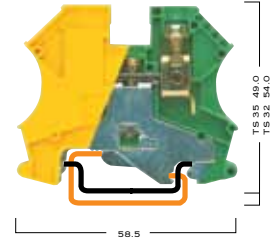
WIDTH 6 MM
331 130

**WGT 6**

WIDTH 8 MM
331 140

**WGT 10**

WIDTH 10 MM
331 150



- V~ / - A / 2.5 MM²
- V~ / - A / 2.5 MM²
- V~ / - A / AWG 26-12

12 MM

0.5 - 4 MM²
1.5 - 2.5 MM²
26 - 12

PART No. STD. PK.
331 120 50

- V~ / - A / 4 MM²
- V~ / - A / 4 MM²
- V~ / - A / AWG 26-12

12 MM

0.5 - 6 MM²
1.5 - 4 MM²
26 - 10

PART No. STD. PK.
331 130 50

- V~ / - A / 6 MM²
- V~ / - A / 6 MM²
- V~ / - A / AWG 26-8

12 MM

0.5 - 10 MM²
1.5 - 6 MM²
20 - 8

PART No. STD. PK.
331 140 40

- V~ / - A / 10 MM²
- V~ / - A / 10 MM²
- V~ / - A / AWG 16-8

12 MM

0.5 - 16 MM²
1.5 - 10 MM²
16 - 6

PART No. STD. PK.
331 150 30

TYPE	PART No.	STD. PK.
SLOTTED		
35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M
KD 3	495 040	100

TYPE	PART No.	STD. PK.
SLOTTED		
35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M
KD 3	495 040	100

TYPE	PART No.	STD. PK.
SLOTTED		
35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M
KD 3	495 040	100

TYPE	PART No.	STD. PK.
SLOTTED		
35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M
KD 3	495 040	100



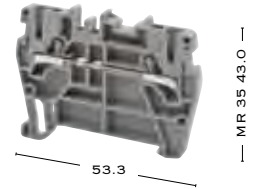
PYK SERIES PRACTICAL SPRING CLAMP TERMINALS. SCREWDRIVER IS NOT NECESSARY TO INSTALL WIRE INTO THE TERMINAL BLOCK. SUITABLE FOR USAGE WITH OR WITHOUT FERRULES. TO MAKE CONNECTION, PUSH THE CABLE INTO THE TERMINAL.

PYK SERIES

PRACTICAL SPRING CLAMP FEED THRU TERMINAL BLOCKS AND ACCESSORIES

PYK 1.5

WIDTH 4.2 MM
307 009



COLORS	TERMINALS	END PLATE
	PART NUMBER	PART NUMBER
	PYK 1.5	NPP
GREY	307 009	446 449
BLUE	307 001	446 441
GREEN	307 002	446 442
YELLOW	307 003	446 443
RED	307 004	446 444
BEIGE	307 000	446 440
	PYK 2.5	NPP
GREY	307 109	446 449
BLUE	307 101	446 441
GREEN	307 102	446 442
YELLOW	307 103	446 443
RED	307 104	446 444
BEIGE	307 100	446 440
	PYK 4	NPP
GREY	307 119	446 459
BLUE	307 111	446 451
GREEN	307 112	446 452
YELLOW	307 113	446 453
RED	307 114	446 454
BEIGE	307 110	446 450
	PYK 6	NPP
GREY	307 129	446 469
BLUE	307 121	446 461
GREEN	307 122	446 462
YELLOW	307 123	446 463
RED	307 124	446 464
BEIGE	307 120	446 469
	PYK 10	NPP
GREY	307 139	446 479
BLUE	307 131	446 471
GREEN	307 132	446 472
YELLOW	307 133	446 473
RED	307 134	446 474
BEIGE	307 130	446 470

ELECTRICAL RATINGS

CE (EN 60947-7-1)
UL / CSA
VDE
ATEX

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.
AWG CONDUCTOR / FINE STRAND WITH FERRULE
INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66 GREY

MOUNTING RAILS

TS 35x7.5 SOLID
TS 35x7.5 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH

TS 35x15 SOLID
TS 35x15 SLOTTED



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

END PLATE

THICKNESS 1.2MM
POLYAMIDE 66



NPP



APP PYK

CROSS CONNECTION



WARNING LABEL

IP



WITH SYMBOL
WITHOUT SYMBOL

GROUP MARKING

GE



GE2



GREY

TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

SEE PAGES 104 & 105 FOR FURTHER DETAIL

VOLTAGE/CURRENT/CROSS-SECTION

800 V / 17.5 A / 1.5 mm²

0.5 - 2.5 mm² / 0.5 - 2.5 mm²

22 - 14 / 0.5 - 1.5 mm²

10 mm / ...

TYPE	PART. No.	QTY.
PYK 1.5	307 009	80
TYPE	PART. No.	STD. PK.

SLOTTED		
35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M

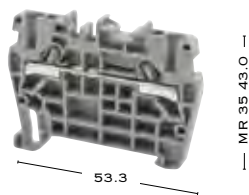
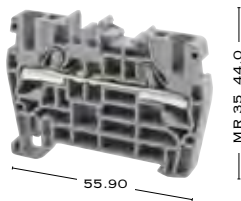
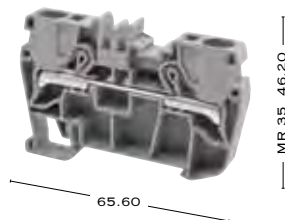
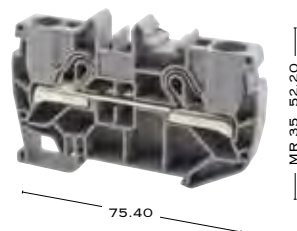
NPP PYK 2.5	446 449	100
APP PYK 1.5	463 180	25

UK 1.5/2	476 602	25
UK 1.5/3	476 603	20
UK 1.5/4	476 604	15
UK 1.5/10	476 609	5

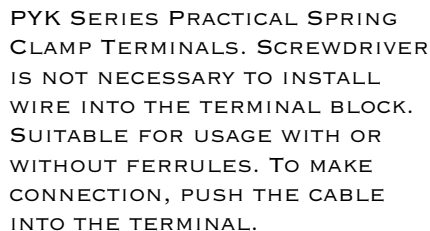
IP 2 S	498 130	25
IP 2	498 140	25

GE	496 119	50
GE 2	496 250	25

0.2-2.5 mm ² / 24 A
8 kV / 3
I / A3
IP 20 / -

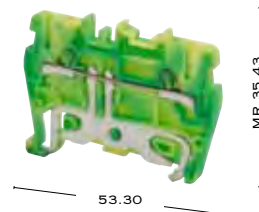
PYK 2.5WIDTH 5 MM
307 109**PYK 4**WIDTH 6 MM
307 119**PYK 6**WIDTH 8 MM
307 129**PYK 10**WIDTH 10 MM
307 139

VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION		
800 V ~ / 24 A / 2.5 MM²			800 V ~ / 32 A / 4 MM²			800 V ~ / 41 A / 6 MM²			800 V ~ / 57 A / 10 MM²		
600 V ~ / 20 A / AWG 22-12			600 V ~ / 30 A / AWG 22-10			600 V ~ / 45 A / AWG 20-8			600 V ~ / 55 A / AWG 20-6		
800 V ~ / 24 A / 2.5 MM²			800 V ~ / 32 A / 4 MM²								
800 V ~ / 24 A			800 V ~ / 32 A			800 V ~ / 41 A			800 V ~ / 57 A		
0.5 - 4 MM² / 0.5 - 4 MM²			0.5 - 6 MM² / 0.5 - 6 MM²			0.5 - 10 MM² / 0.5 - 10 MM²			0.5 - 16 MM² / 0.5 - 16 MM²		
22 - 12 / 0.5 - 2.5 MM²			22 - 10 / 0.5 - 4 MM²			20 - 8 / 0.5 - 6 MM²			20 - 6 / 0.5 - 10 MM²		
10 MM / ...			10 MM / ...			13 MM / ...			15 MM / ...		
TYPE	PART. No.	QTY.	TYPE	PART. No.	QTY.	TYPE	PART. No.	QTY.	TYPE	PART. No.	QTY.
PYK 2.5	307 109	100	PYK 4	307 119	100	PYK 6	307 129	60	PYK 10	307 139	50
TYPE	PART. No.	STD. PK.	TYPE	PART. No.	STD. PK.	TYPE	PART. No.	STD. PK.	TYPE	PART. No.	STD. PK.
SLOTTED			SLOTTED			SLOTTED			SLOTTED		
35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M	35x15	TS3515SL	2M	35x15	TS3515SL	2M	35x15	TS3515SL	2M
SOLID			SOLID			SOLID			SOLID		
35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M	35x15	TS3515SOL	2M	35x15	TS3515SOL	2M	35x15	TS3515SOL	2M
NPP PYK 2.5	446 449	100	NPP PYK 4	446 459	100	NPP PYK 6	446 469	50	NPP PYK 10	446 479	50
APP PYK 1.5-2.5-4	463 180	25	APP PYK 4	463 180	25	APP PYK 6	463 190	25	APP PYK 10	463 200	25
UK 2.5/2	476 222	25	UK 4/2	476 232	25	UK 6/2	476 242	25	UK 10/2	476 252	25
UK 2.5/3	476 223	20	UK 4/3	476 233	20	UK 6/3	476 243	20	UK 10/3	476 253	20
UK 2.5/4	476 224	15	UK 4/4	476 234	15	UK 6/4	476 244	15	UK 10/4	476 254	15
UK 2.5/10	476 229	5	UK 4/10	476 239	5	UK 6/10	476 249	5	UK 10/10	476 259	5
IP 2 S	498 130	25	IP 2 S	498 130	25	IP 2 S	498 130	25	IP 2 S	498 130	25
IP 2	498 140	25	IP 2	498 140	25	IP 2	498 140	25	IP 2	498 140	25
GE	496 119	50	GE	496 119	50	GE	496 119	50	GE	496 119	50
GE 2	496 250	25	GE 2	496 250	25	GE 2	496 250	25	GE 2	496 250	25
0.2 - 4 MM² / 4 MM² / 32 A			0.2 - 6 MM² / 6 MM² / 41 A			0.2 - 10 MM² / 10 MM² / 57 A			0.2 - 16 MM² / 16 MM² / 76 A		
8 kV / 3			8 kV / 3			8 kV / 3			8 kV / 3		
1 / A3			1 / A4			1 / A5			1 / A4		
IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		

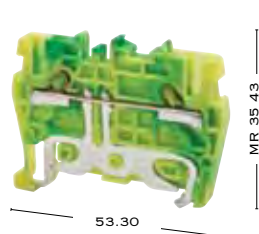


PYK 1.5 T

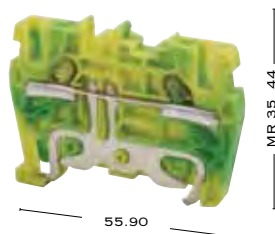
WIDTH 4.2 MM
336 490

56

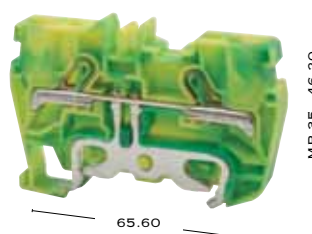
WIDTH 5 MM
336 500



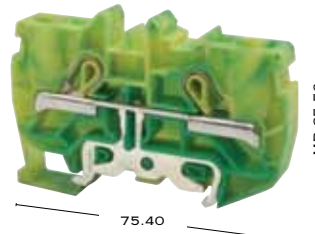
WIDTH 6 MM
336 510



WIDTH 8 MM
336 520



WIDTH 10 MM
336 530



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PYKM SERIES

PRACTICAL SPRING CLAMP
MINI TERMINAL BLOCKS
AND ACCESSORIES
FOR USE WITH 15MM DIN RAIL

PYKM 2.5

WIDTH 5 MM

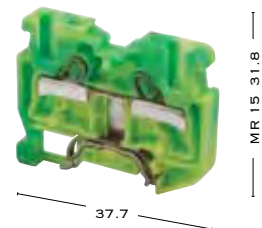
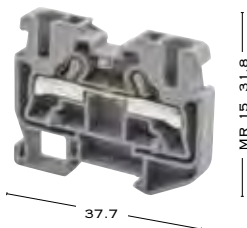
307 399

307 390

PYKM 2.5 T

WIDTH 5 MM

336 430



ELECTRICAL RATINGS

CE (EN 60947-7-1)

UL / CSA

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.

AWG CONDUCTOR / FINE STRAND WITH FERRULE

INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66

GREY

YELLOW-GREEN

END PLATE

GREY

YELLOW-GREEN

WARNING LABEL

IP



WITH SYMBOL

WITHOUT SYMBOL

GROUP MARKING

GE



GE2



GREY

TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

SEE PAGES 104 & 105 FOR FURTHER DETAIL

VOLTAGE/CURRENT/CROSS-SECTION

800 V ~ / 24 A / 2.5 MM²

0.5 - 4 MM² / 0.5 - 4 MM²

22 - 12 / 0.5 - 2.5 MM²

10 MM /

TYPE

PART. NO.

QTY.

PYKM 2.5

307 399

50

PYKM NPP1

446 589

100

PYKM NPP2

446 599

50

VOLTAGE/CURRENT/CROSS-SECTION

- V ~ / - A / 2.5 MM²

0.5 - 4 MM² / 0.5 - 4 MM²

22 - 12 / 0.5 - 2.5 MM²

10 MM /

TYPE

PART. NO.

QTY.

PYKM 2.5 T

336 430

50

PYKM NPP1

446 582 T

25

PYKM NPP2

446 592 T

25

IP 2 S

498 130

25

IP 2

498 140

25

IP 2 S

498 130

25

IP 2

498 140

25

GE

496 119

50

GE 2

496 250

25

GE

496 119

50

GE 2

496 250

25

0.2 - 4 MM² / 4 MM² / 32 A

8 kV / 3

1 / A3

IP 20 / -

0.2 - 4 MM² /

8 kV / 3

1 / A3

IP 20 / PE

PYK TEST

498 559

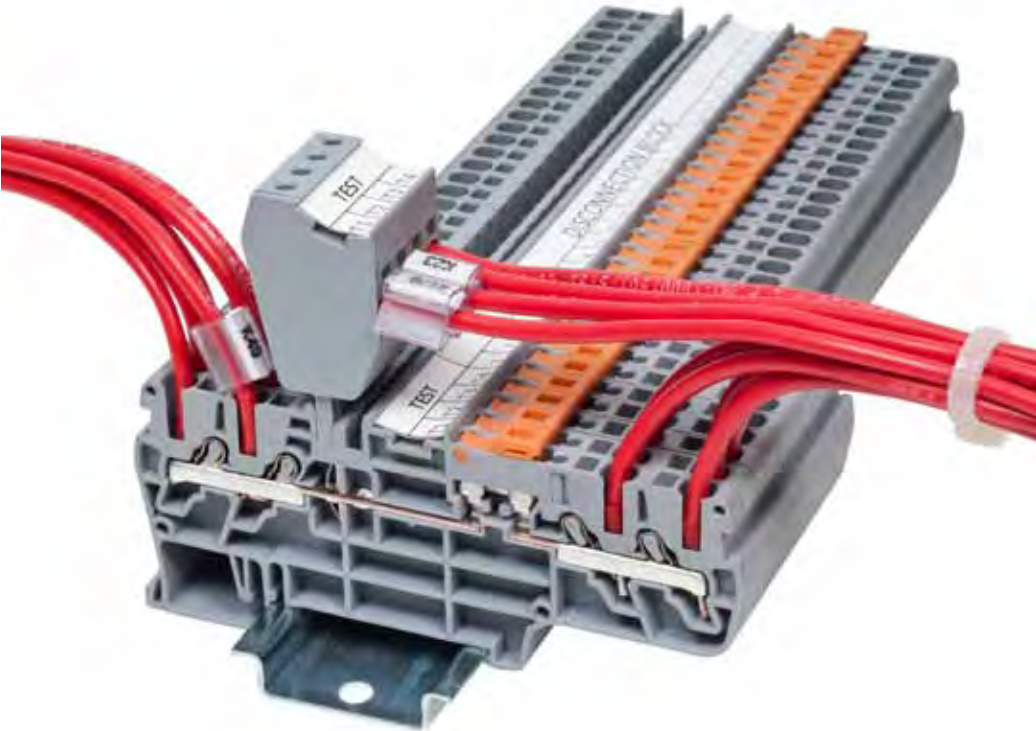
PYK TEST A

498 659

PYK TEST TERMINALS, WHICH MINIMIZE THE TIME NEEDED FOR TEST AND CONTROL CONNECTIONS, CAN BE MARKED WITH STANDARD MARKING TAGS AND THERMAL PRINTER LABELS. PYK TEST TERMINALS, BEING AS A GROUP TOGETHER, CAN BE USED WITH PYK 2,5 TERMINALS. WHEN PLATES ARE ADDED TO TEST TERMINALS, THEY CAN BE USED WITH PYK 4 TERMINALS.



USED FOR TERMINALS	
307 009	PYK 1.5
307 109	PYK 2.5
307 119	PYK 4
307 229	PYK 4 E
307 169	PYK 2.5 A
307 219	PYK 2.5 CCA
307 389	PYK 2.5 C
307 439	PYK 2,5 E





PYK SERIES PRACTICAL SPRING CLAMP TERMINALS. SCREWDRIVER IS NOT NECESSARY TO INSTALL WIRE INTO THE TERMINAL BLOCK. SUITABLE FOR USAGE WITH OR WITHOUT FERRULES. TO MAKE CONNECTION, PUSH THE CABLE INTO THE TERMINAL.

PYK SERIES

DOUBLE-DECK PRACTICAL SPRING CLAMP TERMINAL BLOCKS AND ACCESSORIES

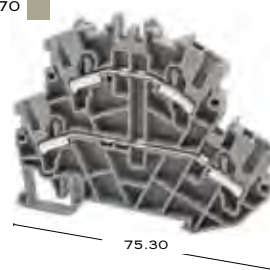


PYK 2.5-2F

WIDTH 5 MM

307 179

307 170



MR 35 62.90

ELECTRICAL RATINGS

CE (EN 60947-7-1)

UL / CSA

VDE

ATEX

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.

AWG CONDUCTOR / FINE STRAND WITH FERRULE

INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66 GREY

MOUNTING RAILS

TS 35X7.5 SOLID

TS 35X7.5 SLOTTED



STEEL SLOT DIM.

25MM ON 36MM CENTER

5.2MM SLOT WIDTH

TS 35X15 SOLID

TS 35X15 SLOTTED



ALUMINUM SLOT DIM.

13MM ON 26MM CENTER

5MM SLOT WIDTH

END PLATE

THICKNESS 1.2MM

POLYAMIDE 66

GREY

ELECTRICAL RATINGS

DIODE REVERSE VOLTAGE

DIODE CURRENT

DIODE

CROSS CONNECTION



WARNING LABEL

IP



WITH SYMBOL

WITHOUT SYMBOL

GROUP MARKING

GE



GE2



GREY

TECHNICAL DATA

• MAX.CLAMPING RANGE / MAX. TECHNICAL DATA

• RATED IMPULSE VOLTAGE / POLLUTION SEVERITY

• INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1

• PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

SEE PAGES 104 & 105 FOR FURTHER DETAIL

VOLTAGE/CURRENT/CROSS-SECTION

500 V ~ / 24 A / 2.5 MM²

500 V ~ / 20 A / AWG 22-12

500 V ~ / 21 A

0.5 - 4 MM² / 0.5 - 4 MM²

22 - 12 / 0.5 - 2.5 MM²

10 MM / ...

TYPE	PART. No.	QTY.
PYK 2.5-2F	307 179	40

TYPE	PART. No.	STD. PK.
------	-----------	----------

SLOTTED

35X7.5 **TS3575SL** 2M

35X7.5 **TS3575SL1** 1M

35X7.5 **TS3575SL1-A** 1M

35X15 **TS3515SL** 2M

SOLID

35X7.5 **TS3575SOL** 2M

35X15 **TS3515SOL** 2M

NPP PYK 2.5-2F **446 519** 25

UK 2.5/2 **476 222** 25

UK 2.5/3 **476 223** 20

UK 2.5/4 **476 224** 15

UK 2.5/10 **476 229** 5

IP 2 S **498 130** 25

IP 2 **498 140** 25

GE **496 119** 50

GE 2 **496 250** 25

0.2 - 4 MM² / 32 A

6 kV / 3

1 / A3

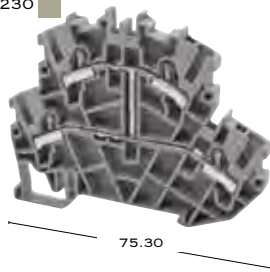
IP 20 / -

PYK 2.5-2FK

WIDTH 5 MM

307 239

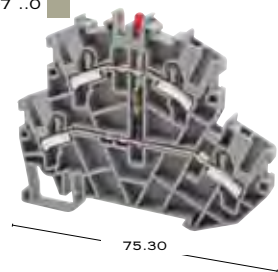
307 230


PYK 2.5-2FLD

WIDTH 5 MM

307 ..9

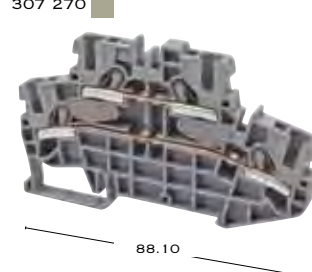
307 ..0


PYK 4-2F

WIDTH 6 MM

307 279

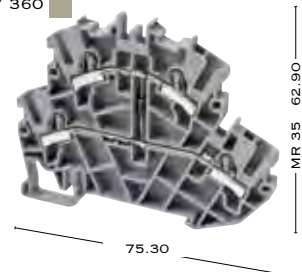
307 270


PYK 2.5-2FD A

WIDTH 5 MM

307 369

307 360



VOLTAGE/CURRENT/CROSS-SECTION

 500 V ~ / 24 A / 2.5 MM²

VOLTAGE/CURRENT/CROSS-SECTION

 500 V ~ / 24 A / 2.5 MM²

VOLTAGE/CURRENT/CROSS-SECTION

 500 V ~ / 32 A / 4 MM²

VOLTAGE/CURRENT/CROSS-SECTION

 500 V ~ / 24 A / 2.5 MM²

 0.5 - 4 MM² / 0.5 - 4 MM²

 22 - 12 / 0.5 - 2.5 MM²

10 MM / ...

TYPE

PART. No.

QTY.

 PYK 2.5-2FK **307 239** 40

 0.5 - 4 MM² / 0.5 - 4 MM²

 22 - 12 / 0.5 - 2.5 MM²

10 MM / ...

TYPE

PART. No.

QTY.

 PYK 2.5-2FLD **307 349** 24Vdc 40

 PYK 2.5-2FLD **307 359** 220VAC 40

 0.5 - 6 MM² / 0.5 - 6 MM²

 22 - 10 / 0.5 - 4 MM²

10 MM / ...

TYPE

PART. No.

QTY.

 PYK 4-2F **307 279** 25

 0.5 - 4 MM² / 0.5 - 4 MM²

 22 - 12 / 0.5 - 2.5 MM²

10 MM / ...

TYPE

PART. No.

QTY.

 PYK 2.5-2FD A **307 369** 40

TYPE

PART. No.

STD. PK.

SLOTTED

35x7.5

TS3575SL

2M

35x7.5

TS3575SL1

1M

35x7.5

TS3575SL1-A

1M

35x15

TS3515SL

2M

TYPE

PART. No.

STD. PK.

SLOTTED

35x7.5

TS3575SL

2M

35x7.5

TS3575SL1

1M

35x7.5

TS3575SL1-A

1M

35x15

TS3515SL

2M

TYPE

PART. No.

STD. PK.

SLOTTED

35x7.5

TS3575SL

2M

35x7.5

TS3575SL1

1M

35x7.5

TS3575SL1-A

1M

35x15

TS3515SL

2M

TYPE

PART. No.

STD. PK.

SLOTTED

35x7.5

TS3575SL

2M

35x7.5

TS3575SL1

1M

35x7.5

TS3575SL1-A

1M

35x15

TS3515SL

2M

SOLID

35x7.5

TS3575SOL

2M

35x15

TS3515SOL

2M

SOLID

35x7.5

TS3575SOL

2M

35x15

TS3515SOL

2M

SOLID

35x7.5

TS3575SOL

2M

35x15

TS3515SOL

2M

SOLID

35x7.5

TS3575SOL

2M

35x15

TS3515SOL

2M

 NPP PYK 2.5-2F **446 519** 25

 NPP PYK 2.5-2F **446 519** 25

 NPP PYK 4-2F **446 579** 25

 NPP PYK 2.5-2F **446 519** 25

 UK 2.5/2 **476 222** 25

 UK 2.5/3 **476 223** 20

 UK 2.5/4 **476 224** 15

 UK 2.5/10 **476 229** 5

NOTE: ONLY LOWER DECKS CAN BE CROSS-CONNECTED

 IP 2 S **498 130** 25

 IP 2 **498 140** 25

 GE **496 119** 50

 GE 2 **496 250** 25

 0.2 - 4 MM² / 32 A

6 kV / 3

1 / A3

IP 20 / -

 UK 2.5/2 **476 222** 25

 UK 2.5/3 **476 223** 20

 UK 2.5/4 **476 224** 15

 UK 2.5/10 **476 229** 5

NOTE: ONLY LOWER DECKS CAN BE CROSS-CONNECTED

 IP 2 S **498 130** 25

 IP 2 **498 140** 25

 GE **496 119** 50

 GE 2 **496 250** 25

 0.2 - 4 MM² / 32 A

6 kV / 3

1 / A3

IP 20 / -

 UK 4/2 **476 232** 25

 UK 4/3 **476 233** 20

 UK 4/4 **476 234** 15

 UK 4/10 **476 239** 5

 IP 2 S **498 130** 25

 IP 2 **498 140** 25

 GE **496 119** 50

 GE 2 **496 250** 25

 0.2 - 6 MM² / 41 A

6 kV / 3

1 / A4

IP 20 / -

 UK 2.5/2 **476 222** 25

 UK 2.5/3 **476 223** 20

 UK 2.5/4 **476 224** 15

 UK 2.5/10 **476 229** 5

 IP 2 S **498 130** 25

 IP 2 **498 140** 25

 GE **496 119** 50

 GE 2 **496 250** 25

 0.2 - 4 MM² / 32 A

6 kV / 3

1 / A3

IP 20 / -



PYK SERIES PRACTICAL SPRING CLAMP TERMINALS. SCREWDRIVER IS NOT NECESSARY TO INSTALL WIRE INTO THE TERMINAL BLOCK. SUITABLE FOR USAGE WITH OR WITHOUT FERRULES. TO MAKE CONNECTION, PUSH THE CABLE INTO THE TERMINAL.

PYK SERIES

DOUBLE-DECK AND
MULTILEVEL PRACTICAL
SPRING CLAMP TERMINAL
BLOCKS AND ACCESSORIES

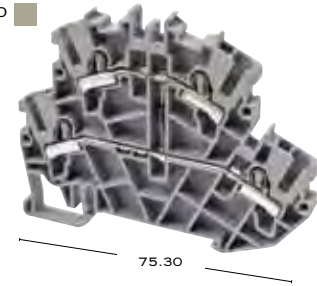


PYK 2.5-2FD B

WIDTH 5 MM

307 379

307 370



ELECTRICAL RATINGS

CE (EN 60947-7-1/EN 60947-7-2)
UL / CSA
ATEX

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.
AWG CONDUCTOR / FINE STRAND WITH FERRULE
INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66 GREY

MOUNTING RAILS

TS 35x7.5 SOLID
TS 35x7.5 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH

TS 35x15 SOLID
TS 35x15 SLOTTED



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

END PLATE

WIDTH 1.2MM
POLYAMIDE 66 GREY

ELECTRICAL RATINGS

DIODE REVERSE VOLTAGE
DIODE CURRENT
DIODE

CROSS CONNECTION



WARNING LABEL

IP WITH SYMBOL
WITHOUT SYMBOL



GROUP MARKING

GE GE2 GREY



TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

SEE PAGES 104 & 105 FOR FURTHER DETAIL

VOLTAGE/CURRENT/CROSS-SECTION

500 V ~ / 24 A / 2.5 MM²

0.5 - 4 MM² / 0.5 - 4 MM²

22 - 12 / 0.5 - 2.5 MM²

10 MM / ...

TYPE	PART. No.	QTY.
PYK 2.5-2FD B	307 379	40

TYPE	PART. No.	STD. PK.
SLOTTED		
35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M

NPP PYK 2.5-2F	446 519	25
----------------	----------------	----

1000 V

0.5 A

1 N 4007

UK 2.5/2	476 222	25
----------	----------------	----

UK 2.5/3	476 223	20
----------	----------------	----

UK 2.5/4	476 224	15
----------	----------------	----

UK 2.5/10	476 229	5
-----------	----------------	---

IP 2 S	498 130	25
--------	----------------	----

IP 2	498 140	25
------	----------------	----

GE	496 119	50
----	----------------	----

GE 2	496 250	25
------	----------------	----

0.2 - 4 MM² / 32 A

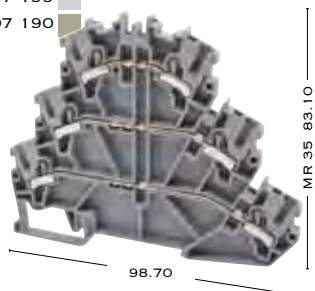
6 kV / 3

1 / A3

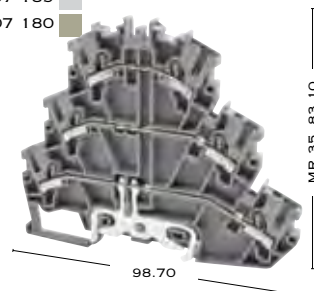
IP 20 / -

PYK 2.5-3F

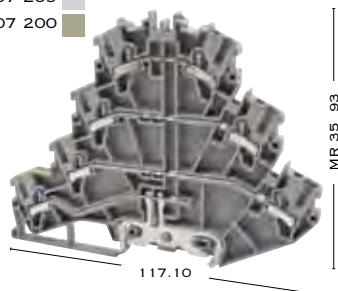
WIDTH 5 MM

 307 199
307 190

PYK 2.5-2FT

WIDTH 5 MM

 307 189
307 180

PYK 2.5-3FT

WIDTH 5 MM

 307 209
307 200


VOLTAGE/CURRENT/CROSS-SECTION

 500 V ~ / 24 A / 2.5 MM²

VOLTAGE/CURRENT/CROSS-SECTION

 500 V ~ / 24 A / 2.5 MM²

VOLTAGE/CURRENT/CROSS-SECTION

 500 V ~ / 24 A / 2.5 MM²

 0.5 - 4 MM² / 0.5 - 4 MM²

 22 - 12 / 0.5 - 2.5 MM²

10 MM / ...

TYPE

PART. No.

QTY.

 PYK 2.5-3F **307 199** 30

 0.5 - 4 MM² / 0.5 - 4 MM²

 22 - 12 / 0.5 - 2.5 MM²

10 MM / ...

TYPE

PART. No.

QTY.

 PYK 2.5-2FT **307 189** 30

 0.5 - 4 MM² / 0.5 - 4 MM²

 22 - 12 / 0.5 - 2.5 MM²

10 MM / ...

TYPE

PART. No.

QTY.

 PYK 2.5-3FT **307 209** 30

TYPE

PART. No.

STD. PK.

SLOTTED

35x7.5

TS3575SL

2M

35x7.5

TS3575SL1

1M

35x7.5

TS3575SL1-A

1M

35x15

TS3515SL

2M

SOLID

35x7.5

TS3575SOL

2M

35x15

TS3515SOL

2M

TYPE

PART. No.

STD. PK.

SLOTTED

35x7.5

TS3575SL

2M

35x7.5

TS3575SL1

1M

35x7.5

TS3575SL1-A

1M

35x15

TS3515SL

2M

SOLID

35x7.5

TS3575SOL

2M

35x15

TS3515SOL

2M

TYPE

PART. No.

STD. PK.

SLOTTED

35x7.5

TS3575SL

2M

35x7.5

TS3575SL1

1M

35x7.5

TS3575SL1-A

1M

35x15

TS3515SL

2M

SOLID

35x7.5

TS3575SOL

2M

35x15

TS3515SOL

2M

NPP PYK 2.5-2FT

446 529

10

NPP PYK 2.5-2FT

446 529

10

NPP PYK 2.5-3F

446 539

30

UK 2.5/2

476 222

25

UK 2.5/3

476 223

20

UK 2.5/4

476 224

15

UK 2.5/10

476 229

5

UK 2.5/2

476 222

25

UK 2.5/3

476 223

20

UK 2.5/4

476 224

15

UK 2.5/10

476 229

5

UK 2.5/2

476 222

25

UK 2.5/3

476 223

20

UK 2.5/4

476 224

15

UK 2.5/10

476 229

5

IP 2 S

498 130

25

IP 2

498 140

25

IP 2 S

498 130

25

IP 2

498 140

25

IP 2 S

498 130

25

IP 2

498 140

25

GE

496 119

50

GE 2

496 250

25

GE

496 119

50

GE 2

496 250

25

GE

496 119

50

GE 2

496 250

25

 0.2 - 4 MM² / 32 A

6 kV / 3

1 / A3

IP 20 / -

 0.2 - 4 MM² / 32 A

6 kV / 3

1 / A3

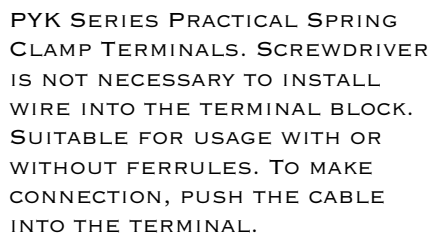
IP 20 / PE

 0.2 - 4 MM² / 32 A

6 kV / 3

1 / A3

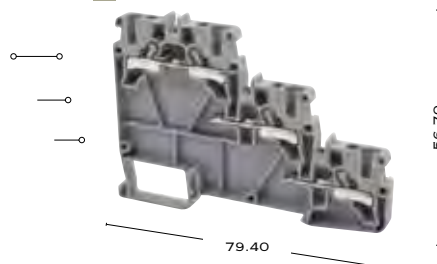
IP 20 / -



PRACTICAL SPRING CLAMP SENSOR TERMINAL BLOCKS AND ACCESSORIES

WIDTH 5 MM

307 409	
307 400	



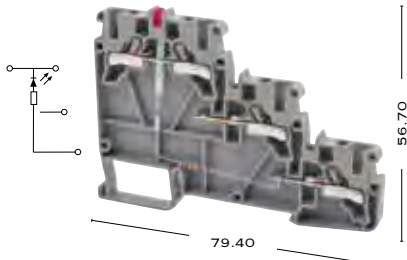
64 AMERICAN ELECTRICAL • 456 SOUTHLAKE BLVD. • RICHMOND, VA 23236 • 804.379.2899 • FAX: 804.379.8935 • WWW.AMERICANELECTRICAL.COM

PYK 6 SLD (NPN)

WIDTH 5 MM

307 419

307 410

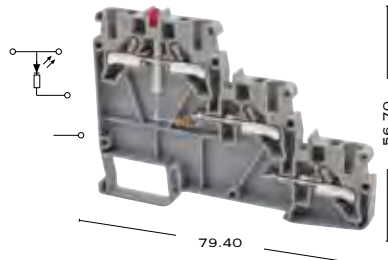


PYK 3 SLD (PNP)

WIDTH 5 MM

307 429

307 420



VOLTAGE/CURRENT/CROSS-SECTION

- V ~ / 24 A / 2.5 MM²

VOLTAGE/CURRENT/CROSS-SECTION

- V ~ / 24 A / 2.5 MM²

0.5 - 4 MM² / 0.5 - 2.5 MM²

22 - 12 / 0.5 - 2.5 MM²

10 MM / ...

TYPE PART. NO. QTY.

PYK 3 SLD (NPN) **307 419** 20

TYPE PART. NO. STD. PK.

SLOTTED

35x7.5 **TS3575SL** 2M

35x7.5 **TS3575SL1** 1M

35x7.5 **TS3575SL1-A** 1M

35x15 **TS3515SL** 2M

SOLID

35x7.5 **TS3575SOL** 2M

35x15 **TS3515SOL** 2M

NPP PYK 3 S **446 609** 10

0.5 - 4 MM² / 0.5 - 2.5 MM²

22 - 12 / 0.5 - 2.5 MM²

10 MM / ...

TYPE PART. NO. QTY.

PYK 3 SLD (PNP) **307 429** 20

TYPE PART. NO. STD. PK.

SLOTTED

35x7.5 **TS3575SL** 2M

35x7.5 **TS3575SL1** 1M

35x7.5 **TS3575SL1-A** 1M

35x15 **TS3515SL** 2M

SOLID

35x7.5 **TS3575SOL** 2M

35x15 **TS3515SOL** 2M

NPP PYK 3 S **446 609** 10

UK 2.5/2 **476 222** 25

UK 2.5/3 **476 223** 20

UK 2.5/4 **476 224** 15

UK 2.5/10 **476 229** 5

IP 2 S **498 130** 25

IP 2 **498 140** 25

GE **496 119** 50

GE 2 **496 250** 25

0.2-4 MM² / 4 MM² - 32 A

8 kV / 3

1 / A3

IP 20 / -

UK 2.5/2 **476 222** 25

UK 2.5/3 **476 223** 20

UK 2.5/4 **476 224** 15

UK 2.5/10 **476 229** 5

IP 2 S **498 130** 25

IP 2 **498 140** 25

GE **496 119** 50

GE 2 **496 250** 25

0.2-4 MM² / 4 MM² - 32 A

8 kV / 3

1 / A3

IP 20 / -





PYK SERIES PRACTICAL SPRING CLAMP TERMINALS. SCREWDRIVER IS NOT NECESSARY TO INSTALL WIRE INTO THE TERMINAL BLOCK. SUITABLE FOR USAGE WITH OR WITHOUT FERRULES. TO MAKE CONNECTION, PUSH THE CABLE INTO THE TERMINAL.

PYK SERIES

PRACTICAL SPRING CLAMP
FUSE AND DISCONNECT
TERMINAL BLOCKS
AND ACCESSORIES



ELECTRICAL RATINGS

CE (EN 60947-7-3)

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.
AWG CONDUCTOR / FINE STRAND WITH FERRULE
INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66

GREY

GREY

MOUNTING RAILS

TS 35X7.5 SOLID

TS 35X15 SOLID

TS 35X7.5 SLOTTED

TS 35X15 SLOTTED



STEEL SLOT DIM.

25MM ON 36MM CENTER

5.2MM SLOT WIDTH



ALUMINUM SLOT DIM.

13MM ON 26MM CENTER

5MM SLOT WIDTH

CROSS CONNECTION



WARNING LABEL

IP



WITH SYMBOL
WITHOUT SYMBOL

GROUP MARKING

GE



GE2



GREY

TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

SEE PAGES 104 & 105 FOR FURTHER DETAIL

PYK 4 S

WIDTH 8 MM

307 249

307 240



VOLTAGE/CURRENT/CROSS-SECTION

500 V ~ / 10 A / 4 MM²

0.5 - 6 MM² / 0.5 - 6 MM²

22 - 10 / 0.5 - 4 MM²

10 MM / ...

TYPE	PART. No.	QTY.
PYK 4 S	307 249	15

TYPE	PART. No.	STD. PK.
------	-----------	----------

SLOTTED

35X7.5 **TS3575SL** 2M

35X7.5 **TS3575SL1** 1M

35X7.5 **TS3575SL1-A** 1M

35X15 **TS3515SL** 2M

SOLID

35X7.5 **TS3575SOL** 2M

35X15 **TS3515SOL** 2M

UK 6/2 **476 242** 25

UK 6/3 **476 243** 20

UK 6/4 **476 244** 15

UK 6/10 **476 249** 5

IP 2 S **498 130** 25

IP 2 **498 140** 25

GE **496 119** 50

GE 2 **496 250** 25

0.2-6 MM² / 10 A

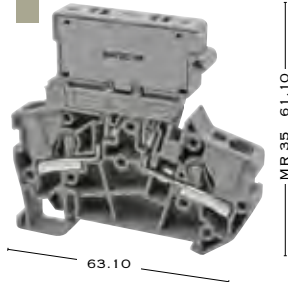
6 kV / 3

1 / A4

IP 20 / -

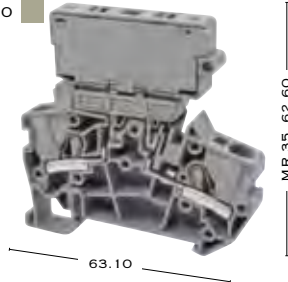
PYK 4 SLD

WIDTH 8 MM
307 ..9
307 ..0



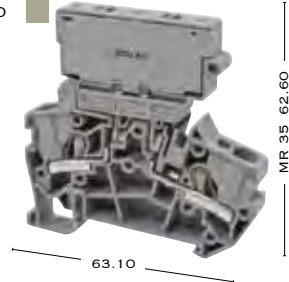
PYK 4 I

WIDTH 8 MM
307 319
307 310



PYK 4 ILD

WIDTH 8 MM
307 ..9
307 ..0



VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION		
500 V ~ / 10 A / 4 MM ²			500 V ~ / 10 A / 4 MM ²			500 V ~ / 10 A / 4 MM ²		
0.5 - 6 MM ² / 0.5 - 6 MM ²			0.5 - 6 MM ² / 0.5 - 6 MM ²			0.5 - 6 MM ² / 0.5 - 6 MM ²		
22 - 10 / 0.5 - 4 MM ²			22 - 10 / 0.5 - 4 MM ²			22 - 12 / 0.5 - 4 MM ²		
10 MM / ...			10 MM / ...			10 MM / ...		
TYPE	PART. NO.	QTY.	TYPE	PART. NO.	QTY.	TYPE	PART. NO.	QTY.
PYK 4 SLD	307 259	24Vdc 15	PYK 4 I	307 319	15	PYK 4 ILD	307 329	24Vdc 15
PYK 4 SLD	307 269	220VAC 15				PYK 4 ILD	307 339	220VAC 15
TYPE	PART. NO.	STD. PK.	TYPE	PART. NO.	STD. PK.	TYPE	PART. NO.	STD. PK.
SLOTTED			SLOTTED			SLOTTED		
35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M	35x15	TS3515SL	2M	35x15	TS3515SL	2M
SOLID			SOLID			SOLID		
35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M	35x15	TS3515SOL	2M	35x15	TS3515SOL	2M
UK 6/2	476 242	25	UK 6/2	476 242	25	UK 6/2	476 242	25
UK 6/3	476 243	20	UK 6/3	476 243	20	UK 6/3	476 243	20
UK 6/4	476 244	15	UK 6/4	476 244	15	UK 6/4	476 244	15
UK 6/10	476 249	5	UK 6/10	476 249	5	UK 6/10	476 249	5
IP 2 S	498 130	25	IP 2 S	498 130	25	IP 2 S	498 130	25
IP 2	498 140	25	IP 2	498 140	25	IP 2	498 140	25
GE	496 119	50	GE	496 119	50	GE	496 119	50
GE 2	496 250	25	GE 2	496 250	25	GE 2	496 250	25
0.2-6 MM ² / 10 A			0.2-6 MM ² / 10 A			0.2-6 MM ² / 10 A		
6 kV / 3			6 kV / 3			6 kV / 3		
1 / A4			1 / A4			1 / A4		
IP 20 / -			IP 20 / -			IP 20 / -		



PYK SERIES PRACTICAL SPRING CLAMP TERMINALS. SCREWDRIVER IS NOT NECESSARY TO INSTALL WIRE INTO THE TERMINAL BLOCK. SUITABLE FOR USAGE WITH OR WITHOUT FERRULES. TO MAKE CONNECTION, PUSH THE CABLE INTO THE TERMINAL.

PYK SERIES

PRACTICAL SPRING CLAMP
DISCONNECT TERMINAL
BLOCKS AND ACCESSORIES

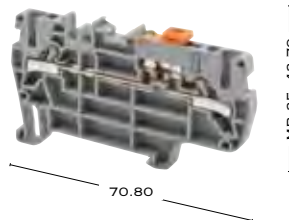


PYK 2.5 A

WIDTH 5 MM

307 169

307 160



ELECTRICAL RATINGS

CE (EN 60947-7-3)

VOLTAGE/CURRENT/CROSS-SECTION

400 V ~ / 20 A / 2.5 mm²

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.
AWG CONDUCTOR / FINE STRAND WITH FERRULE
INSULATION STRIPPING LENGTH / TORQUE

0.5 - 4 mm² / 0.5 - 4 mm²

22 - 10 / 0.5 - 2.5 mm²

10 mm / ...

ORDERING DATA

POLYAMIDE 66 GREY

TYPE PART. No. QTY.

PYK 2.5 A 307 169 50

MOUNTING RAILS

TS 35x7.5 SOLID

TS 35x15 SOLID

TS 35x7.5 SLOTTED

TS 35x15 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

END PLATE

THICKNESS 1MM
POLYAMIDE 66

GREY

NPP PYK 2.5 A 446 509 100

PUSH-IN CROSS CONNECTION



UK 2.5/2	476 222	25
UK 2.5/3	476 223	20
UK 2.5/4	476 224	15
UK 2.5/10	476 229	5

WARNING LABEL

IP



WITH SYMBOL
WITHOUT SYMBOL

IP 2 S	498 130	25
IP 2	498 140	25

GROUP MARKING

GE



GE2



GREY

GE	496 119	50
GE 2	496 250	25

TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

0.2-4 mm ² / 4 mm ² - 20 A
4 kV / 3
I / A3
IP 20 / -

MARKING TAGS

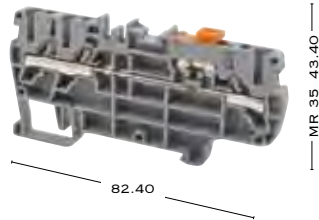
SEE PAGES 104 & 105 FOR FURTHER DETAIL

PYK 2.5 EA

WIDTH 5 MM

307 459

307 450

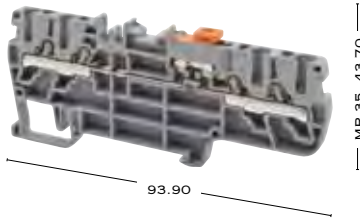


PYK 2.5 CCA

WIDTH 5 MM

307 219

307 210



VOLTAGE/CURRENT/CROSS-SECTION

400 V ~ / 16 A / 2.5 MM²

VOLTAGE/CURRENT/CROSS-SECTION

400 V ~ / 16 A / 2.5 MM²

0.5 - 4 MM² / 0.5 - 4 MM²

22 - 12 / 0.5 - 2.5 MM²

10 MM / ...

TYPE

PART. No.

QTY.

PYK 2.5 EA

307 459

60

TYPE

PART. No.

STD. PK.

SLOTTED

35x7.5

TS3575SL

2M

35x7.5

TS3575SL1

1M

35x7.5

TS3575SL1-A

1M

35x15

TS3515SL

2M

SOLID

35x7.5

TS3575SOL

2M

35x15

TS3515SOL

2M

NPP PYK 2.5 EA

446 629

100

TYPE

PART. No.

QTY.

PYK 2.5 CCA

307 219

60

TYPE

PART. No.

STD. PK.

SLOTTED

35x7.5

TS3575SL

2M

35x7.5

TS3575SL1

1M

35x7.5

TS3575SL1-A

1M

35x15

TS3515SL

2M

SOLID

35x7.5

TS3575SOL

2M

35x15

TS3515SOL

2M

NPP PYK 2.5 CCA

446 549

100

UK 2.5/2

476 222

25

UK 2.5/3

476 223

20

UK 2.5/4

476 224

15

UK 2.5/10

476 229

5

UK 2.5/2

476 222

25

UK 2.5/3

476 223

20

UK 2.5/4

476 224

15

UK 2.5/10

476 229

5

IP 2 S

498 130

25

IP 2

498 140

25

IP 2 S

498 130

25

IP 2

498 140

25

GE

496 119

50

GE 2

496 250

25

GE

496 119

50

GE 2

496 250

25

0.2-4 MM² / 4 MM² - 20 A

4 kV / 3

1 / A3

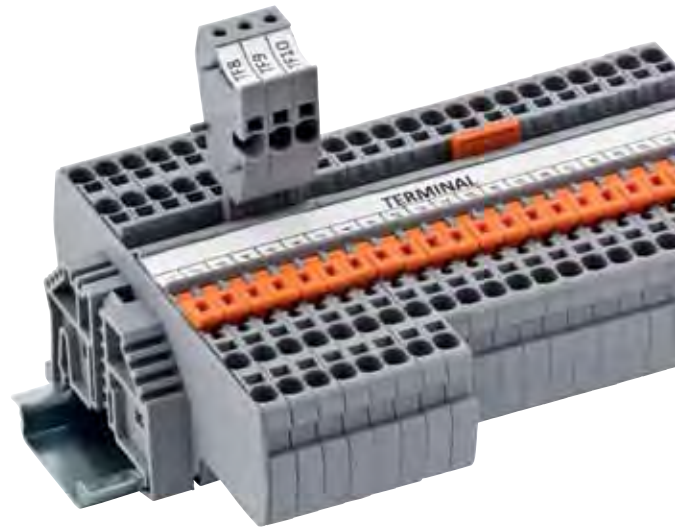
IP 20 / -

0.2-4 MM² / 4 MM² - 20 A

4 kV / 3

1 / A3

IP 20 / -





PYK SERIES MULTI INPUT/
OUTPUT TERMINALS MAKE WIRING
MORE PRACTICAL, REDUCING THE
INSTALLATION COSTS WHERE DOUBLE
AND MULTILEVEL TERMINALS
CANNOT BE USED IN THE PANELS.

PYK SERIES

ONE INPUT-TWO OUTPUT
TWO INPUT-TWO OUTPUT
TERMINAL BLOCKS
AND ACCESSORIES

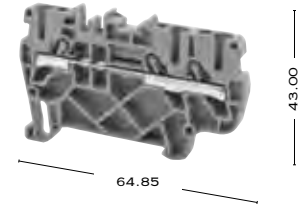


PYK 2.5 E

WIDTH 5 MM

307 439

307 430



ELECTRICAL RATINGS

CE (EN 60947-7-2)
UL / CSA

VOLTAGE/CURRENT/CROSS-SECTION

800 V / 24 A / 2.5 MM²

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.
AWG CONDUCTOR / FINE STRAND WITH FERRULE
INSULATION STRIPPING LENGTH / TORQUE

0.5 - 4 MM² / 0.5 - 4 MM²
22 - 12 / 0.5 - 2.5 MM²
10 MM / ...

ORDERING DATA

GREY

YELLOW-GREEN

TYPE	PART. NO.	QTY.
PYK 2.5 E	307 439	50

MOUNTING RAILS

TS 35X7.5 SOLID
TS 35X7.5 SLOTTED

TS 35X15 SOLID
TS 35X15 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

TYPE PART. NO. STD. PK.

TYPE	PART. NO.	STD. PK.
SLOTTED		
35X7.5	TS3575SL	2M
35X7.5	TS3575SL1	1M
35X7.5	TS3575SL1-A	1M
35X15	TS3515SL	2M
SOLID		
35X7.5	TS3575SOL	2M
35X15	TS3515SOL	2M

END PLATE

THICKNESS 1.2MM
POLYAMIDE 66

GREY

YELLOW-GREEN



NPP PYK 2.5 E	446 619	10
---------------	----------------	----

PUSH-IN CROSS CONNECTION



UK 2.5/2	476 222	25
UK 2.5/3	476 223	20
UK 2.5/4	476 224	15
UK 2.5/10	476 229	5

WARNING LABEL

IP



WITH SYMBOL
WITHOUT SYMBOL

IP 2 S	498 130	25
IP 2	498 140	25

GROUP MARKING

GE



GE2



GREY

GE	496 119	50
GE 2	496 250	25

TECHNICAL DATA

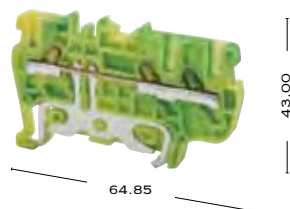
- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

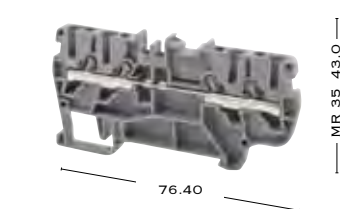
0.2-4 MM² / 4 MM² / 32A
8 kV / 3
1 / A3
IP 20 / -

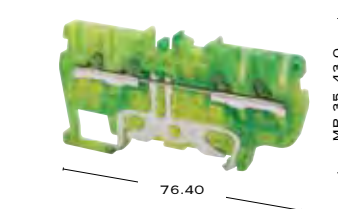
MARKING TAGS

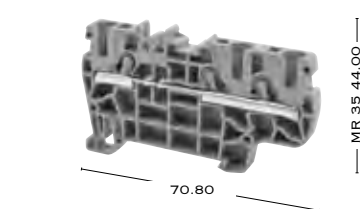
SEE PAGES 104 & 105 FOR FURTHER DETAIL

PYK 2.5 ET

 WIDTH 5 MM
 336 550

PYK 2.5 C

 WIDTH 5 MM
 307 389
 307 380

PYK 2.5 CT

 WIDTH 5 MM
 336 540

PYK 4 E

 WIDTH 6 MM
 307 229
 307 220


VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION		
... V / ... A / 2.5 MM²			800 V / 24 A / 2.5 MM²			- V / - A / 2.5 MM²			800 V ~ / 32 A / 4 MM²		
			600 V / 20 A / 12 AWG			- V / - A / 12 AWG			600 V ~ / 30 A / AWG 22-10		
									800 V ~ / 30 A		
0.5 - 4 MM² / 0.5 - 4 MM²			0.5 - 4 MM² / 0.5 - 4 MM²			0.5 - 4 MM² / 0.5 - 4 MM²			0.5 - 6 MM² / 0.5 - 6 MM²		
22 - 12 / 0.5 - 2.5 MM²			22 - 12 / 0.5 - 2.5 MM²			22 - 12 / 0.5 - 2.5 MM²			22 - 10 / 0.5 - 4 MM²		
10 MM / ...			10 MM / ...			10 MM / ...			10 MM / ...		
TYPE	PART. No.	QTY.	TYPE	PART. No.	QTY.	TYPE	PART. No.	QTY.	TYPE	PART. No.	QTY.
PYK 2.5 ET	336 550	50	PYK 2.5 C	307 389	50	PYK 2.5 CT	336 540	50	PYK 4 E	307 229	50
TYPE	PART. No.	STD. PK.	TYPE	PART. No.	STD. PK.	TYPE	PART. No.	STD. PK.	TYPE	PART. No.	STD. PK.
SLOTTED			SLOTTED			SLOTTED			SLOTTED		
35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M	35x15	TS3515SL	2M	35x15	TS3515SL	2M	35x15	TS3515SL	2M
SOLID			SOLID			SOLID			SOLID		
35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M	35x15	TS3515SOL	2M	35x15	TS3515SOL	2M	35x15	TS3515SOL	2M
			NPP PYK 2.5 C 446 499						NPP 4 E 446 559		
NPP PYK 2.5 ET	446 612 T	10				NPP PYK 2.5 CT	446 492 T	10			
			UK 2.5/2 476 222						UK 4/2 476 232		
			UK 2.5/3 476 223						UK 4/3 476 233		
			UK 2.5/4 476 224						UK 4/4 476 234		
			UK 2.5/10 476 229						UK 4/10 476 239		
IP 2 S	498 130	25	IP 2 S	498 130	25	IP 2 S	498 130	25	IP 2 S	498 130	25
IP 2	498 140	25	IP 2	498 140	25	IP 2	498 140	25	IP 2	498 140	25
GE	496 119	50	GE	496 119	50	GE	496 119	50	GE	496 119	50
GE 2	496 250	25	GE 2	496 250	25	GE 2	496 250	25	GE 2	496 250	25
0.2 - 4 MM² / 4 MM² / -			0.2-4 MM² / 4 MM² / 32A			0.2 - 4 MM² / -			0.2 - 6 MM² / 41 A		
8 kV / 3			8 kV / 3			8 kV / 3			8 kV / 3		
1 / A3			1 / A3			1 / A3			1 / A4		
IP 20 / PE			IP 20 / -			IP 20 / PE			IP 20 / -		



SPRING CLAMP TERMINALS PROVIDE A FASTER METHOD OF TERMINATING WIRES AS COMPARED TO SCREW CLAMP SYSTEMS. APPROVED BY UL, THEY ARE JUST AS RELIABLE IN FIELD APPLICATIONS.

THE SPRING CLAMP IS OPENED WITH A SMALL SCREWDRIVER INSERTED TO THE SIDE OF THE CLAMP NEXT TO THE WIRE ENTRY WAY. WHEN THE FIELD WIRING IS IN PLACE, THE SCREWDRIVER CAN BE REMOVED AND A RELIABLE, SECURE CONNECTION IS MAINTAINED.

COLORS	TERMINALS	END PLATE
	PART NUMBER	PART NUMBER
	YBK 2.5	NPP
BEIGE	306 220	446 320
BLUE	306 221	446 321
GREEN	306 222	446 322
YELLOW	306 223	446 323
RED	306 224	446 324
GREY	306 229	446 329
	YBK 4	NPP
BEIGE	306 230	446 330
BLUE	306 231	446 331
GREEN	306 232	446 332
YELLOW	306 233	446 333
RED	306 234	446 334
GREY	306 239	446 339
	YBK 6	NPP
BEIGE	306 240	446 340
BLUE	306 241	446 341
GREEN	306 242	446 342
YELLOW	306 243	446 343
RED	306 244	446 344
GREY	306 249	446 349
	YBK 10	NPP
BEIGE	306 250	446 350
BLUE	306 251	446 351
GREEN	306 252	446 352
YELLOW	306 253	446 353
RED	306 254	446 354
GREY	306 259	446 359

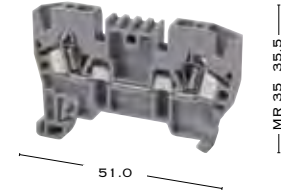


YBK SERIES

SPRING CLAMP TERMINAL BLOCKS AND ACCESSORIES

YBK 2.5

WIDTH 5 MM
306 229



ELECTRICAL RATINGS

CE (EN 60947-7-1)
UL / CSA

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.
AWG CONDUCTOR / FINE STRAND WITH FERRULE
INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66
BEIGE
GREY

MOUNTING RAILS

TS 35X7.5 SOLID
TS 35X7.5 SLOTTED
TS 35X15 SOLID
TS 35X15 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

END BRACKET

THICKNESS 8MM
KD 3
BEIGE
GREY



END PLATE - DISCONNECT PLATE

WIDTH 1.5 MM -
POLYAMIDE 66
BEIGE
GREY



CROSS CONNECTION



WARNING LABEL

IP
WITH SYMBOL
WITHOUT SYMBOL



GROUP MARKING



TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

SEE PAGES 104 & 105 FOR FURTHER DETAIL

VOLTAGE/CURRENT/CROSS-SECTION

750 V ~ / 24 A / 2.5 MM²
600 V ~ / 20 A / AWG 22-12

0.5 - 4 MM² / 0.5 - 2.5 MM²

22 - 12 / 0.5 - 2.5 MM²

10 MM / ...

TYPE PART. NO. QTY.

YBK 2.5 306 220 100

YBK 2.5 306 229 100

TYPE PART. NO. STD. PK.

SLOTTED

35X7.5 TS3575SL 2M

35X7.5 TS3575SL1 1M

35X7.5 TS3575SL1-A 1M

35X15 TS3515SL 2M

SOLID

35X7.5 TS3575SOL 2M

35X15 TS3515SOL 2M

KD 3 495 040 100

KD 3 495 049 100

NPP YBK 2.5 446 320 100

NPP YBK 2.5 446 329 100

UK 2.5/2 476 222 25

UK 2.5/3 476 223 20

UK 2.5/4 476 224 15

UK 2.5/10 476 229 5

IP 4 S 498 160 25

IP 4 498 170 25

GE 496 110 50

GE 496 119 50

0.2 - 4 MM² / 4 MM² / 32 A

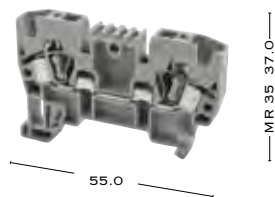
8 kV / 3

1 / A3

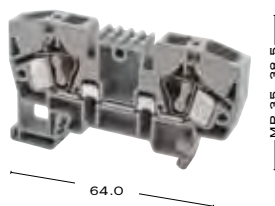
IP 20 / -

YBK 4

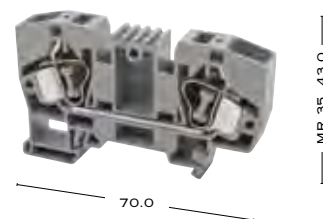
WIDTH 6 MM
306 239

**YBK 6**

WIDTH 8 MM
306 249

**YBK 10**

WIDTH 10 MM
306 259



VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION		
750 V ~ / 32 A / 4 MM ²			750 V ~ / 41 A / 6 MM ²			750 V ~ / 57 A / 10 MM ²		
600 V ~ / 26 A / AWG 22-10			600 V ~ / 35 A / AWG 22-8			600 V ~ / 55 A / AWG 22-6		
0.5 - 6 MM ² / 0.5 - 4 MM ²			0.5 - 10 MM ² / 0.5 - 6 MM ²			0.5 - 16 MM ² / 0.5 - 10 MM ²		
22 - 10 / 0.5 - 4 MM ²			22 - 8 / 0.5 - 6 MM ²			20 - 6 / 0.5 - 10 MM ²		
12 MM / ...			12 MM / ...			13 MM / ...		
TYPE	PART. NO.	QTY.	TYPE	PART. NO.	QTY.	TYPE	PART. NO.	QTY.
YBK 4	306 230	100	YBK 6	306 240	100	YBK 10	306 250	50
YBK 4	306 239	100	YBK 6	306 249	100	YBK 10	306 259	50
TYPE	PART. NO.	STD. PK.	TYPE	PART. NO.	STD. PK.	TYPE	PART. NO.	STD. PK.
SLOTTED			SLOTTED			SLOTTED		
35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M	35x15	TS3515SL	2M	35x15	TS3515SL	2M
SOLID			SOLID			SOLID		
35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M	35x15	TS3515SOL	2M	35x15	TS3515SOL	2M
KD 3	495 040	100	KD 3	495 040	100	KD 3	495 040	100
KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100
NPP YBK 4	446 330	100	NPP YBK 6	446 340	100	NPP YBK 10	446 350	100
NPP YBK 4	446 339	100	NPP YBK 6	446 349	100	NPP YBK 10	446 359	100
UK 4/2	476 232	25	UK 6/2	476 242	25	UK 10/2	476 252	25
UK 4/3	476 233	20	UK 6/3	476 243	20	UK 10/3	476 253	20
UK 4/4	476 234	15	UK 6/4	476 244	15	UK 10/4	476 254	15
UK 4/10	476 239	5	UK 6/10	476 249	5	UK 10/10	476 259	5
IP 4 S	498 160	25	IP 4 S	498 160	25	IP 4 S	498 160	25
IP 4	498 170	25	IP 4	498 170	25	IP 4	498 170	25
GE	496 110	50	GE	496 110	50	GE	496 110	50
GE	496 119	50	GE	496 119	50	GE	496 119	50
0.2 - 6 MM ² / 6 MM ² / 41 A			0.2 - 10 MM ² / 10 MM ² / 57 A			0.2 - 16 MM ² / 16 MM ² / 76 A		
8 kV / 3			8 kV / 3			8 kV / 3		
1 / A4			1 / A5			1 / A6		
IP 20 / -			IP 20 / -			IP 20 / -		



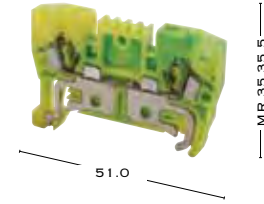
THE YBK SPRING CLAMP
GROUND TERMINAL BLOCKS
ELECTRICALLY CONNECT FIELD
WIRING TO THE DIN RAIL VIA
THE METALLIC INTERNAL
PARTS. WHEN THE DIN RAIL
IS CONNECTED TO METALLIC
CABINETRY THAT IS SECURED
TO EARTH, THE PROPER
GROUNDING TECHNIQUE IS
COMPLETED.

YBK SERIES

SPRING CLAMP GROUND TERMINAL BLOCKS AND ACCESSORIES

YBK 2.5 T

WIDTH 5 MM
336 220



ELECTRICAL RATINGS

CE (EN 60947-7-2)
UL / CSA

VOLTAGE/CURRENT/CROSS-SECTION

- V ~ / - A / 2.5 MM²
- V ~ / - A / AWG 22-12

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.
AWG CONDUCTOR / FINE STRAND WITH FERRULE
INSULATION STRIPPING LENGTH / TORQUE

0.5 - 4 MM² / 0.5 - 2.5 MM²
22 - 12 / 0.5 - 2.5 MM²
10 MM / ...

ORDERING DATA

POLYAMIDE 66 YELLOW-GREEN

TYPE PART. No. QTY.

YBK 2.5 T

336 220

50

MOUNTING RAILS

TS 35X7.5 SOLID TS 35X15 SOLID
TS 35X7.5 SLOTTED TS 35X15 SLOTTED

TYPE PART. No. STD. PK.

SLOTTED

35X7.5 TS3575SL 2M

35X7.5 TS3575SL1 1M

35X7.5 TS3575SL1-A 1M

35X15 TS3515SL 2M

SOLID

35X7.5 TS3575SOL 2M

35X15 TS3515SOL 2M

END BRACKET

THICKNESS 8MM BEIGE
KD 3 GREY



KD 3 495 040 100

KD 3 495 049 100

END PLATE - DISCONNECT PLATE

WIDTH 1.5 MM - YELLOW-GREEN
POLYAMIDE 66



NPP YBK 2.5 T 446 322 T 10

GROUP MARKING

GE



BEIGE
GREY

GE 496 110 50

GE 496 119 50

TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

0.2 - 4 MM² / ...-...

8 kV / 3

1 / A3

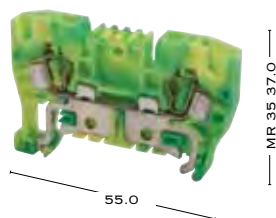
IP 20 / PE

MARKING TAGS

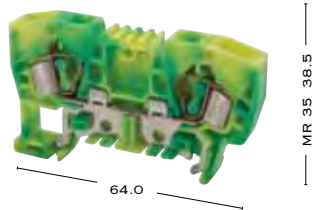
SEE PAGES 104 & 105 FOR FURTHER DETAIL

YBK 4 T

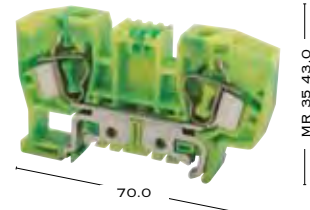
WIDTH 6 MM
336 230

**YBK 6 T**

WIDTH 8 MM
336 240

**YBK 10 T**

WIDTH 10 MM
336 250



VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION		
- V ~ / - A / 4 MM²			- V ~ / - A / 6 MM²			- V ~ / - A / 10 MM²		
- V ~ / - A / AWG 22-10			- V ~ / - A / AWG 22-8			- V ~ / - A / AWG 22-6		
0.5 - 6 MM² / 0.5 - 4 MM²			0.5 - 10 MM² / 0.5 - 6 MM²			0.5 - 16 MM² / 0.5 - 10 MM²		
22 - 10 / 0.5 - 4 MM²			22 - 8 / 0.5 - 6 MM²			20 - 6 / 0.5 - 10 MM²		
12 MM / ...			13 MM / ...			13 MM / ...		
TYPE	PART. NO.	QTY.	TYPE	PART. NO.	QTY.	TYPE	PART. NO.	QTY.
YBK 4 T	336 230	50	YBK 6 T	336 240	100	YBK 10 T	336 250	50
TYPE	PART. NO.	STD. PK.	TYPE	PART. NO.	STD. PK.	TYPE	PART. NO.	STD. PK.
SLOTTED			SLOTTED			SLOTTED		
35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M	35x15	TS3515SL	2M	35x15	TS3515SL	2M
SOLID			SOLID			SOLID		
35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M	35x15	TS3515SOL	2M	35x15	TS3515SOL	2M
KD 3	495 040	100	KD 3	495 040	100	KD 3	495 040	100
KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100
NPP YBK 4 T	446 332 T	10	NPP YBK 6 T	446 342 T	10	NPP YBK 10 T	446 352 T	10
GE	496 110	50	GE	496 110	50	GE	496 110	50
GE	496 119	50	GE	496 119	50	GE	496 119	50
0.2 - 6 MM² / ...-...			0.2 - 10 MM² / ...-...			0.2 - 16 MM² / ...-...		
8 kV / 3			8 kV / 3			8 kV / 3		
1 / A4			1 / A5			1 / A6		
IP 20 / PE			IP 20 / PE			IP 20 / PE		



SPRING CLAMP TERMINALS PROVIDE A FASTER METHOD OF TERMINATING WIRES AS COMPARED TO SCREW CLAMP SYSTEMS. APPROVED BY UL, THEY ARE JUST AS RELIABLE IN FIELD APPLICATIONS.

THE SPRING CLAMP IS OPENED WITH A SMALL SCREWDRIVER INSERTED TO THE SIDE OF THE CLAMP NEXT TO THE WIRE ENTRY WAY. WHEN THE FIELD WIRING IS IN PLACE, THE SCREWDRIVER CAN BE REMOVED AND A RELIABLE, SECURE CONNECTION IS MAINTAINED.

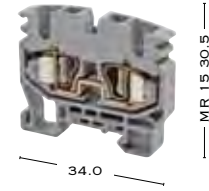
MYK SERIES

MINI SPRING CLAMP
TERMINAL BLOCKS FOR
USE WITH 15MM WIDE
DIN RAIL



MYK 2.5

WIDTH 5 MM
306 429 
306 420 



ELECTRICAL RATINGS

CE (EN 60947-7-1 / 60947-7-2 / 60998-2-2)
UL / CSA

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.
AWG CONDUCTOR / FINE STRAND WITH FERRULE
INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66 GREY
YELLOW-GREEN

MOUNTING RAILS

TS 35x7.5 SOLID TS 35x15 SOLID
TS 35x7.5 SLOTTED TS 35x15 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

END BRACKET

THICKNESS 8MM
KD 5



BEIGE
GREY

END PLATE - DISCONNECT PLATE

WIDTH 1.5 MM
POLYAMIDE 66



MYK NPP 1

GREY



MYK NPP 2

YELLOW-GREEN

CROSS CONNECTION



WARNING LABEL

IP



WITH SYMBOL
WITHOUT SYMBOL

GROUP MARKING



GE

BEIGE
GREY

TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

SEE PAGES 104 & 105 FOR FURTHER DETAIL

VOLTAGE/CURRENT/CROSS-SECTION

750 V ~ / 24 A / 2.5 MM²
600 V ~ / 20 A / AWG 22-12

0.5 - 4 MM² / 0.5 - 2.5 MM²
22 - 12 / 0.5 - 2.5 MM²
10 MM / ...

TYPE	PART. NO.	QTY.
MYK 2.5	306 429	50

TYPE	PART. NO.	STD. PK.
SLOTTED		
35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M

KD 5	495 060	100
KD 5	495 069	100

MYK NPP 1	446 429	100
MYK NPP 2	446 439	100

UK 2.5/2	476 222	25
UK 2.5/3	476 223	20
UK 2.5/4	476 224	15
UK 2.5/10	476 229	5

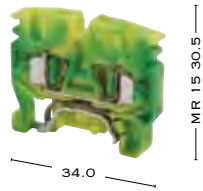
IP 4 S	498 160	25
IP 4	498 170	25

GE	496 110	50
GE	496 119	50

0.2 - 4 MM ² / 4 MM ² / 32 A
8 kV / 3
1 / A3
IP 20 / -

MYK 2.5 T

WIDTH 5 MM
336 420



VOLTAGE/CURRENT/CROSS-SECTION

- V ~ / - A / 2.5 MM²

- V ~ / - A / AWG 22-12

0.5 - 4 MM² / 0.5 - 2.5 MM²

22 - 12 / 0.5 - 2.5 MM²

10 MM / ...

TYPE	PART. NO.	QTY.
------	-----------	------

MYK 2.5 T	336 420	50
-----------	----------------	----

TYPE	PART. NO.	STD. PK.
------	-----------	----------

SLOTTED

35x7.5	TS3575SL	2M
--------	-----------------	----

35x7.5	TS3575SL1	1M
--------	------------------	----

35x7.5	TS3575SL1-A	1M
--------	--------------------	----

35x15	TS3515SL	2M
-------	-----------------	----

SOLID

35x7.5	TS3575SOL	2M
--------	------------------	----

35x15	TS3515SOL	2M
-------	------------------	----

KD 5	495 060	100
------	----------------	-----

KD 5	495 069	100
------	----------------	-----

NPP MYK 2.5 T	446 332 T	10
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IP 4 S	498 160	25
--------	----------------	----

IP 4	498 170	25
------	----------------	----

GE	496 110	50
----	----------------	----

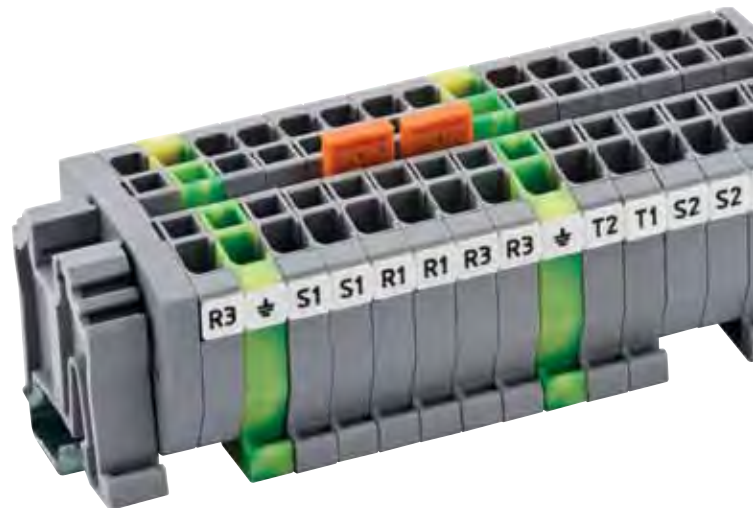
GE	496 119	50
----	----------------	----

0.2 - 6 MM² / ...-...

8 kV / 3

1 / A3

IP 20 / PE





DOUBLE-DECK SPRING CLAMP
TERMINALS PROVIDE A FASTER
METHOD OF TERMINATING
WIRES AS COMPARED TO SCREW
CLAMP SYSTEMS. APPROVED BY
UL, THEY ARE JUST AS RELI-
ABLE IN FIELD APPLICATIONS.

THE SPRING CLAMP IS OPENED
WITH A SMALL SCREWDRIVER
INSERTED TO THE SIDE OF THE
CLAMP NEXT TO THE WIRE
ENTRY WAY. WHEN THE FIELD
WIRING IS IN PLACE, THE
SCREWDRIVER CAN BE
REMOVED AND A RELIABLE,
SECURE CONNECTION IS
MAINTAINED.

YBK SERIES

DOUBLE-DECK SPRING CLAMP TERMINAL BLOCKS AND ACCESSORIES



ELECTRICAL RATINGS

CE (EN 60947-7-1)
UL / CSA

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.
AWG CONDUCTOR / FINE STRAND WITH FERRULE
INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66	GREY
	GREY
	GREY
	GREY
	GREY
	GREY
	GREY

MOUNTING RAILS

TS 35X7.5 SOLID	TS 35X15 SOLID
TS 35X7.5 SLOTTED	TS 35X15 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

END BRACKET

THICKNESS 8MM	BEIGE
KD 3	GREY



END PLATE - DISCONNECT PLATE

WIDTH 1.5 MM -	GREY
POLYAMIDE 66	



CROSS CONNECTION



WARNING LABEL

IP	WITH SYMBOL
	WITHOUT SYMBOL



GROUP MARKING

GE



BEIGE
GREY

TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

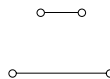
SEE PAGES 104 & 105 FOR FURTHER DETAIL

YBK 2.5-2 F

WIDTH 5 MM

316 109

316 100



83.7

MR 35 64.8

VOLTAGE/CURRENT/CROSS-SECTION

500 V ~ / 24 A / 2.5 MM²
600 V ~ / 20 A / AWG 22-12

0.5 - 4 MM² / 0.5 - 2.5 MM²
22 - 12 / 0.5 - 2.5 MM²
10 MM / ...

TYPE	PART. NO.	QTY.
------	-----------	------

YBK 2.5-2 F **316 109** 30

TYPE	PART. NO.	STD. PK.
------	-----------	----------

SLOTTED		
35X7.5	TS3575SL	2M
35X7.5	TS3575SL1	1M
35X7.5	TS3575SL1-A	1M
35X15	TS3515SL	2M
SOLID		
35X7.5	TS3575SOL	2M
35X15	TS3515SOL	2M

KD 3	495 040	100
KD 3	495 049	100

NPP YBK 2.5-2 F	446 299	10
-----------------	----------------	----

UK 2.5/2	476 222	25
UK 2.5/3	476 223	20
UK 2.5/4	476 224	15
UK 2.5/10	476 229	5

IP 4 S	498 160	25
IP 4	498 170	25

GE	496 110	50
GE	496 119	50

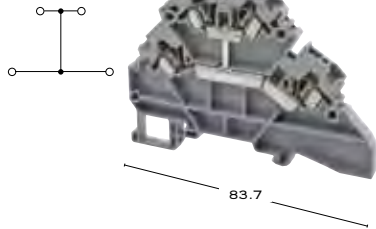
0.2 - 4 MM² / 4 MM² / 32 A
8 kV / 3
I / A3
IP 20 / -

YBK 2.5-2 FK

WIDTH 6 MM

316 129

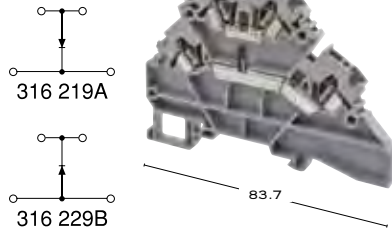
316 120


YBK 2.5-2 FD

WIDTH 5 MM

316 219/229

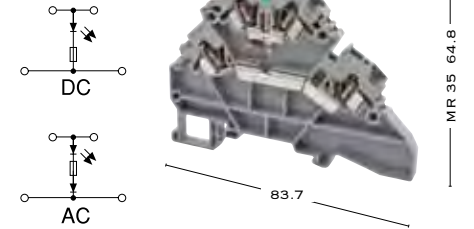
316 210/220


YBK 2.5-2 FLD

WIDTH 5 MM

316 ...9

316 ...0



VOLTAGE/CURRENT/CROSS-SECTION

 500 V ~ / 24 A / 2.5 MM²

VOLTAGE/CURRENT/CROSS-SECTION

 500 V ~ / 24 A / 2.5 MM²

VOLTAGE/CURRENT/CROSS-SECTION

 - V ~ / 24 A / 2.5 MM²

 0.5 - 4 MM² / 0.5 - 2.5 MM²

 22 - 12 / 0.5 - 2.5 MM²

10 MM / ...

TYPE PART. NO. QTY.

 YBK 2.5-2 FK **316 129** 30

 0.5 - 4 MM² / 0.5 - 2.5 MM²

 22 - 12 / 0.5 - 2.5 MM²

10 MM / ...

TYPE PART. NO. QTY.

 YBK 2.5-2 FD-A **316 219** 30

 YBK 2.5-2 FD-B **316 229** 30

 0.5 - 4 MM² / 0.5 - 2.5 MM²

 22 - 12 / 0.5 - 2.5 MM²

10 MM / ...

TYPE PART. NO. QTY.

 YBK 2.5-2 FLD **316 319** (24VAC) 30

 YBK 2.5-2 FLD **316 329** (24VDC) 30

 YBK 2.5-2 FLD **316 419** (48VAC) 30

 YBK 2.5-2 FLD **316 429** (48VDC) 30

 YBK 2.5-2 FLD **316 619** (110VAC) 30

 YBK 2.5-2 FLD **316 629** (110VDC) 30

 YBK 2.5-2 FLD **316 719** (220VAC) 30

 YBK 2.5-2 FLD **316 729** (220VDC) 30

TYPE PART. NO. STD. PK.

SLOTTED

 35x7.5 **TS3575SL** 2M

 35x7.5 **TS3575SL1** 1M

 35x7.5 **TS3575SL1-A** 1M

 35x15 **TS3515SL** 2M

SOLID

 35x7.5 **TS3575SOL** 2M

 35x15 **TS3515SOL** 2M

TYPE PART. NO. STD. PK.

SLOTTED

 35x7.5 **TS3575SL** 2M

 35x7.5 **TS3575SL1** 1M

 35x7.5 **TS3575SL1-A** 1M

 35x15 **TS3515SL** 2M

SOLID

 35x7.5 **TS3575SOL** 2M

 35x15 **TS3515SOL** 2M

TYPE PART. NO. STD. PK.

SLOTTED

 35x7.5 **TS3575SL** 2M

 35x7.5 **TS3575SL1** 1M

 35x7.5 **TS3575SL1-A** 1M

 35x15 **TS3515SL** 2M

SOLID

 35x7.5 **TS3575SOL** 2M

 35x15 **TS3515SOL** 2M

 KD 3 **495 040** 100

 KD 3 **495 049** 100

 KD 3 **495 040** 100

 KD 3 **495 049** 100

 KD 3 **495 040** 100

 KD 3 **495 049** 100

 NPP YBK 2.5-2 F **446 299** 10

 NPP YBK 2.5-2 F **446 299** 10

 NPP YBK 2.5-2 F **446 299** 10

 UK 2.5/2 **476 222*** 25

 UK 2.5/3 **476 223*** 20

 UK 2.5/4 **476 224*** 15

 UK 2.5/10 **476 229*** 5

 UK 2.5/2 **476 222*** 25

 UK 2.5/3 **476 223*** 20

 UK 2.5/4 **476 224*** 15

 UK 2.5/10 **476 229*** 5

 UK 2.5/2 **476 222*** 25

 UK 2.5/3 **476 223*** 20

 UK 2.5/4 **476 224*** 15

 UK 2.5/10 **476 229*** 5

 IP 4 S **498 160** 25

 IP 4 **498 170** 25

 IP 4 S **498 160** 25

 IP 4 **498 170** 25

 IP 4 S **498 160** 25

 IP 4 **498 170** 25

 GE **496 110** 50

 GE **496 119** 50

 GE **496 110** 50

 GE **496 119** 50

 GE **496 110** 50

 GE **496 119** 50

 0.2 - 4 MM² / 4 MM² / 32 A

8 kV / 3

1 / A3

IP 20 / -

 0.2 - 4 MM² / 4 MM² / 32 A

8 kV / 3

1 / A3

IP 20 / -

 0.2 - 4 MM² / 4 MM² / 32 A

8 kV / 3

1 / A3

IP 20 / -

* ONLY LOWER DECKS CAN BE CROSS-CONNECTED

* ONLY LOWER DECKS CAN BE CROSS-CONNECTED

* ONLY LOWER DECKS CAN BE CROSS-CONNECTED



DOUBLE-DECK SPRING CLAMP
TERMINALS PROVIDE A FASTER
METHOD OF TERMINATING
WIRES AS COMPARED TO SCREW
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THE SPRING CLAMP IS OPENED
WITH A SMALL SCREWDRIVER
INSERTED TO THE SIDE OF THE
CLAMP NEXT TO THE WIRE
ENTRY WAY. WHEN THE FIELD
WIRING IS IN PLACE, THE
SCREWDRIVER CAN BE
REMOVED AND A RELIABLE,
SECURE CONNECTION IS
MAINTAINED.

YBK SERIES

DOUBLE-DECK SPRING CLAMP TERMINAL BLOCKS AND ACCESSORIES



ELECTRICAL RATINGS

CE (EN 60947-7-1)
UL / CSA

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.
AWG CONDUCTOR / FINE STRAND WITH FERRULE
INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66	GREY
	GREY
	GREY
	GREY
	GREY
	GREY
	GREY

MOUNTING RAILS

TS 35X7.5 SOLID	TS 35X15 SOLID
TS 35X7.5 SLOTTED	TS 35X15 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

END BRACKET

THICKNESS 8MM	BEIGE
KD 3	GREY



END PLATE - DISCONNECT PLATE

WIDTH 1.5 MM	GREY
POLYAMIDE 66	



CROSS CONNECTION



WARNING LABEL

IP	WITH SYMBOL
	WITHOUT SYMBOL



GROUP MARKING

GE



BEIGE
GREY

TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

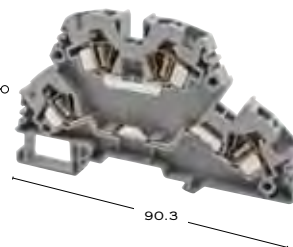
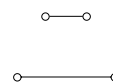
SEE PAGES 104 & 105 FOR FURTHER DETAIL

YBK 4-2 F

WIDTH 5 MM

318 109

318 100



VOLTAGE/CURRENT/CROSS-SECTION

750 V ~ / 24 A / 4 MM²

600 V ~ / 26 A / AWG 22-10

0.5 - 6 MM² / 0.5 - 4 MM²

22 - 10 / 0.5 - 4 MM²

12 MM / ...

TYPE	PART. NO.	QTY.
YBK 4-2 F	318 109	50

TYPE	PART. NO.	STD. PK.
------	-----------	----------

SLOTTED		
35X7.5	TS3575SL	2M
35X7.5	TS3575SL1	1M
35X7.5	TS3575SL1-A	1M
35X15	TS3515SL	2M
SOLID		
35X7.5	TS3575SOL	2M
35X15	TS3515SOL	2M

KD 3	495 040	100
KD 3	495 049	100

NPP YBK 4-2 F	446 269	25
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UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15
UK 4/10	476 239	5

IP 4 S	498 160	25
IP 4	498 170	25

GE	496 110	50
GE	496 119	50

0.2 - 6 MM² / 6 MM² / 41 A

8 kV / 3

I / A4

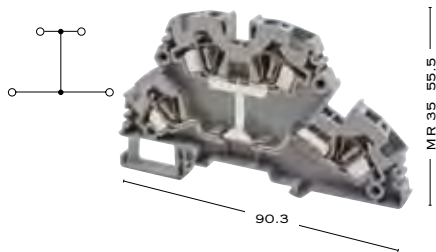
IP 20 / -

YBK 4-2 FK

WIDTH 6 MM

318 129

318 120

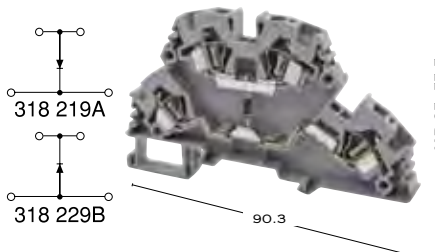


YBK 4-2 FD

WIDTH 6 MM

318 219/229

318 210/220

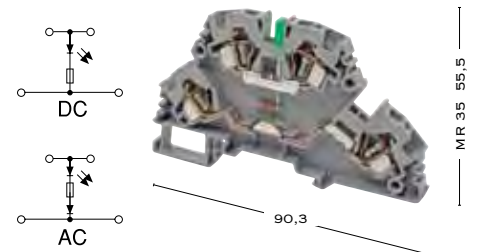


YBK 4-2 FLD

WIDTH 6 MM

318 ...9

318 ...0



VOLTAGE/CURRENT/CROSS-SECTION

750 V ~ / 32 A / 4 MM²

VOLTAGE/CURRENT/CROSS-SECTION

750 V ~ / 32 A / 4 MM²

VOLTAGE/CURRENT/CROSS-SECTION

- V ~ / 24 A / 2.5 MM²

0.5 - 6 MM² / 0.5 - 4 MM²

22 - 10 / 0.5 - 4 MM²

12 MM / ...

TYPE PART. NO. QTY.

YBK 4-2 FK 318 129 20

0.5 - 6 MM² / 0.5 - 4 MM²

22 - 10 / 0.5 - 4 MM²

12 MM / ...

TYPE PART. NO. QTY.

YBK 4-2 FD-A 318 219 20

YBK 4-2 FD-B 318 229 20

0.5 - 6 MM² / 0.5 - 4 MM²

22 - 10 / 0.5 - 4 MM²

12 MM / ...

TYPE PART. NO. QTY.

YBK 4-2 FLD 318 319 (24VAC) 20

YBK 4-2 FLD 318 329 (24VDC) 20

YBK 4-2 FLD 318 419 (48VAC) 20

YBK 4-2 FLD 318 429 (48VDC) 20

YBK 4-2 FLD 318 619 (110VAC) 20

YBK 4-2 FLD 318 629 (110VDC) 20

YBK 4-2 FLD 318 719 (220VAC) 20

YBK 4-2 FLD 318 729 (220VDC) 20

TYPE PART. NO. STD. PK.

SLOTTED

35x7.5 TS3575SL 2M

35x7.5 TS3575SL1 1M

35x7.5 TS3575SL1-A 1M

35x15 TS3515SL 2M

SOLID

35x7.5 TS3575SOL 2M

35x15 TS3515SOL 2M

TYPE PART. NO. STD. PK.

SLOTTED

35x7.5 TS3575SL 2M

35x7.5 TS3575SL1 1M

35x7.5 TS3575SL1-A 1M

35x15 TS3515SL 2M

SOLID

35x7.5 TS3575SOL 2M

35x15 TS3515SOL 2M

TYPE PART. NO. STD. PK.

SLOTTED

35x7.5 TS3575SL 2M

35x7.5 TS3575SL1 1M

35x7.5 TS3575SL1-A 1M

35x15 TS3515SL 2M

SOLID

35x7.5 TS3575SOL 2M

35x15 TS3515SOL 2M

KD 3 495 040 100

KD 3 495 049 100

KD 3 495 040 100

KD 3 495 049 100

KD 3 495 040 100

KD 3 495 049 100

NPP YBK 4-2 F 446 269 25

NPP YBK 4-2 F 446 269 25

NPP YBK 4-2 F 446 269 25

UK 4/2 476 232* 25

UK 4/3 476 233* 20

UK 4/4 476 234* 15

UK 4/10 476 239* 5

UK 4/2 476 232* 25

UK 4/3 476 233* 20

UK 4/4 476 234* 15

UK 4/10 476 239* 5

UK 4/2 476 232* 25

UK 4/3 476 233* 20

UK 4/4 476 234* 15

UK 4/10 476 239* 5

IP 4 S 498 160 25

IP 4 498 170 25

IP 4 S 498 160 25

IP 4 498 170 25

IP 4 S 498 160 25

IP 4 498 170 25

GE 496 110 50

GE 496 119 50

GE 496 110 50

GE 496 119 50

GE 496 110 50

GE 496 119 50

0.2 - 6 MM² / 6 MM² / 41 A

8 kV / 3

1 / A4

IP 20 / -

0.2 - 6 MM² / 6 MM² / 41 A

8 kV / 3

1 / A4

IP 20 / -

0.2 - 6 MM² / 6 MM² / 41 A

8 kV / 3

1 / A4

IP 20 / -

* ONLY LOWER DECKS CAN BE CROSS-CONNECTED

* ONLY LOWER DECKS CAN BE CROSS-CONNECTED

* ONLY LOWER DECKS CAN BE CROSS-CONNECTED



DOUBLE-DECK SPRING CLAMP TERMINALS PROVIDE A FASTER METHOD OF TERMINATING WIRES AS COMPARED TO SCREW CLAMP SYSTEMS. APPROVED BY UL, THEY ARE JUST AS RELIABLE IN FIELD APPLICATIONS.

THE SPRING CLAMP IS OPENED WITH A SMALL SCREWDRIVER INSERTED TO THE SIDE OF THE CLAMP NEXT TO THE WIRE ENTRY WAY. WHEN THE FIELD WIRING IS IN PLACE, THE SCREWDRIVER CAN BE REMOVED AND A RELIABLE, SECURE CONNECTION IS MAINTAINED.

YBK SERIES

SPRING CLAMP MULTILEVEL TERMINAL BLOCKS AND ACCESSORIES

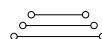


YBK 2.5-3 F

WIDTH 5 MM

324 509

324 500



ELECTRICAL RATINGS

CE (EN 60947-7-1 / 60947-7-2)
UL / CSA

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.
AWG CONDUCTOR / FINE STRAND WITH FERRULE
INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66 GREY

MOUNTING RAILS

TS 35X7.5 SOLID
TS 35X7.5 SLOTTED

TS 35X15 SOLID
TS 35X15 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

END BRACKET

THICKNESS 8MM
KD 3

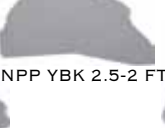


BEIGE
GREY

END PLATE - DISCONNECT PLATE

WIDTH 1.5 MM -
POLYAMIDE 66

GREY



NPP YBK 2.5-2 FT

NPP YBK 2.5-3 F

NPP YBK 2.5-3 FT

CROSS CONNECTION



WARNING LABEL

IP



WITH SYMBOL
WITHOUT SYMBOL

GROUP MARKING

GE



BEIGE
GREY

TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

SEE PAGES 104 & 105 FOR FURTHER DETAIL

VOLTAGE/CURRENT/CROSS-SECTION

500 V ~ / 24 A / 2.5 MM²

600 V ~ / 20 A / AWG 22-12

0.5 - 4 MM² / 0.5 - 2.5 MM²

22 - 12 / 0.5 - 2.5 MM²

10 MM / ...

TYPE	PART. NO.	QTY.
YBK 2.5-3 F	324 509	30

TYPE	PART. NO.	STD. PK.
SLOTTED		
35X7.5	TS3575SL	2M
35X7.5	TS3575SL1	1M
35X7.5	TS3575SL1-A	1M
35X15	TS3515SL	2M
SOLID		
35X7.5	TS3575SOL	2M
35X15	TS3515SOL	2M

NPP YBK 2.5-3 F	446 249	10
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UK 2.5/2	476 222	25
UK 2.5/3	476 223	20
UK 2.5/4	476 224	15
UK 2.5/10	476 229	5

IP 4 S	498 160	25
IP 4	498 170	25

GE	496 110	50
GE	496 119	50

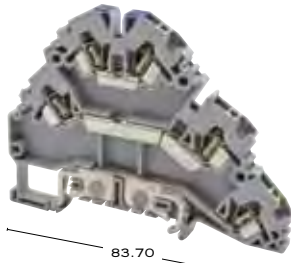
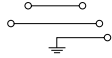
0.2 - 4 MM ² / 4 MM ² / 32 A
6 kV / 3
1 / A3
IP 20 / -

YBK 2.5-2 FT

WIDTH 5 MM

324 809

324 800



83.70

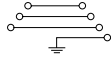
MR 35 64.8

YBK 2.5-3 FT

WIDTH 5 MM

324 609

324 600



100.0

MR 35 74.5

VOLTAGE/CURRENT/CROSS-SECTION

500 V ~ / 24 A / 2.5 MM²

600 V ~ / 20 A / AWG 22-12

0.5 - 4 MM² / 0.5 - 2.5 MM²

22 - 12 / 0.5 - 2.5 MM²

10 MM / ...

TYPE	PART. NO.	QTY.
YBK 2.5-2 FT	324 809	30

TYPE	PART. NO.	STD. PK.
------	-----------	----------

SLOTTED

35x7.5 **TS3575SL** 2M

35x7.5 **TS3575SL1** 1M

35x7.5 **TS3575SL1-A** 1M

35x15 **TS3515SL** 2M

SOLID

35x7.5 **TS3575SOL** 2M

35x15 **TS3515SOL** 2M

KD 3 **495 040** 100

KD 3 **495 049** 100

NPP YBK 2.5-2 T **446 299** 10

UK 2.5/2 **476 222** 25

UK 2.5/3 **476 223** 20

UK 2.5/4 **476 224** 15

UK 2.5/10 **476 229** 5

IP 4 S **498 160** 25

IP 4 **498 170** 25

GE **496 110** 50

GE **496 119** 50

0.2 - 4 MM² / 4 MM² / 32 A

6 kV / 3

1 / A3

IP 20 / -

VOLTAGE/CURRENT/CROSS-SECTION

500 V ~ / 24 A / 2.5 MM²

600 V ~ / 20 A / AWG 22-12

0.5 - 4 MM² / 0.5 - 2.5 MM²

22 - 12 / 0.5 - 2.5 MM²

10 MM / ...

TYPE	PART. NO.	QTY.
YBK 2.5-3 FT	324 609	30

TYPE	PART. NO.	STD. PK.
------	-----------	----------

SLOTTED

35x7.5 **TS3575SL** 2M

35x7.5 **TS3575SL1** 1M

35x7.5 **TS3575SL1-A** 1M

35x15 **TS3515SL** 2M

SOLID

35x7.5 **TS3575SOL** 2M

35x15 **TS3515SOL** 2M

KD 3 **495 040** 100

KD 3 **495 049** 100

NPP YBK 2.5-3 FT **446 259** 10





YBK SERIES

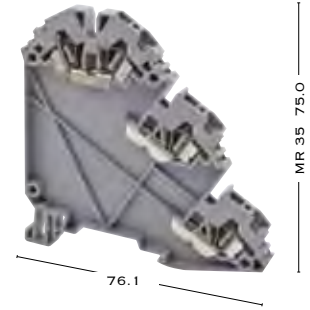
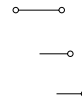
SPRING CLAMP TERMINAL
BLOCKS AND ACCESSORIES
FOR SENSOR APPLICATIONS

YBK 3 S

WIDTH 5 MM

324 709

324 700



ELECTRICAL RATINGS

CE (EN 60947-7-1)

VOLTAGE/CURRENT/CROSS-SECTION

500 V ~ / 24 A / 2.5 mm²

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.
AWG CONDUCTOR / FINE STRAND WITH FERRULE
INSULATION STRIPPING LENGTH / TORQUE

0.5 - 4 mm² / 0.5 - 2.5 mm²

22 - 12 / 0.5 - 2.5 mm²

10 mm / ...

ORDERING DATA

POLYAMIDE 66 GREY

TYPE	PART. NO.	QTY.
YBK 3 S	324 709	20

MOUNTING RAILS

TS 35x7.5 SOLID

TS 35x15 SOLID

TS 35x7.5 SLOTTED

TS 35x15 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH

ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

END BRACKET

THICKNESS 8MM

KD 3



BEIGE

GREY

KD 3	495 040	100
KD 3	495 049	100

END PLATE - DISCONNECT PLATE

WIDTH 1.5 MM -

POLYAMIDE 66



GREY

NPP YBK 3 S	446 289	10
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CROSS CONNECTION



UK 2.5/2	476 222	25
UK 2.5/3	476 223	20
UK 2.5/4	476 224	15
UK 2.5/10	476 229	5

WARNING LABEL

IP



WITH SYMBOL
WITHOUT SYMBOL

IP 4 S	498 160	25
IP 4	498 170	25

GROUP MARKING

GE



BEIGE
GREY

GE	496 110	50
GE	496 119	50

TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

0.2 - 4 mm² / 4 mm² / 32 A

6 kV / 3

1 / A3

IP 20 / -

MARKING TAGS

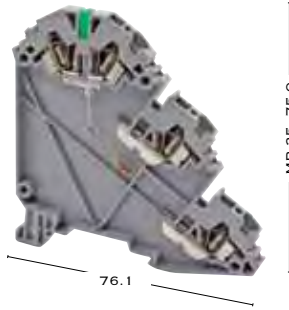
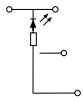
SEE PAGES 104 & 105 FOR FURTHER DETAIL

YBK 3 SLD (NPN)

WIDTH 5 MM

324 719

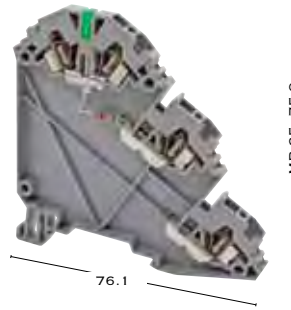
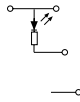
324 710


YBK 3 SLD (PNP)

WIDTH 5 MM

324 729

324 720


VOLTAGE/CURRENT/CROSS-SECTION

 - V ~ / 24 A / 2.5 MM²
VOLTAGE/CURRENT/CROSS-SECTION

 - V ~ / 24 A / 2.5 MM²

 0.5 - 4 MM² / 0.5 - 2.5 MM²

 22 - 12 / 0.5 - 2.5 MM²

10 MM / ...

TYPE	PART. NO.	QTY.
YBK 3 SLD	324 719	20

 0.5 - 4 MM² / 0.5 - 2.5 MM²

 22 - 12 / 0.5 - 2.5 MM²

10 MM / ...

TYPE	PART. NO.	QTY.
YBK 3 SLD (24VDC)	324 729	20

TYPE	PART. NO.	STD. PK.
------	-----------	----------

SLOTTED

35x7.5	TS3575SL	2M
--------	-----------------	----

35x7.5	TS3575SL1	1M
--------	------------------	----

35x7.5	TS3575SL1-A	1M
--------	--------------------	----

35x15	TS3515SL	2M
-------	-----------------	----

SOLID

35x7.5	TS3575SOL	2M
--------	------------------	----

35x15	TS3515SOL	2M
-------	------------------	----

KD 3	495 040	100
------	----------------	-----

KD 3	495 049	100
------	----------------	-----

NPP YBK 3 S	446 289	10
-------------	----------------	----

TYPE	PART. NO.	STD. PK.
------	-----------	----------

SLOTTED

35x7.5	TS3575SL	2M
--------	-----------------	----

35x7.5	TS3575SL1	1M
--------	------------------	----

35x7.5	TS3575SL1-A	1M
--------	--------------------	----

35x15	TS3515SL	2M
-------	-----------------	----

SOLID

35x7.5	TS3575SOL	2M
--------	------------------	----

35x15	TS3515SOL	2M
-------	------------------	----

KD 3	495 040	100
------	----------------	-----

KD 3	495 049	100
------	----------------	-----

NPP YBK 3 S	446 289	10
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UK 2.5/2	476 222*	25
----------	-----------------	----

UK 2.5/3	476 223*	20
----------	-----------------	----

UK 2.5/4	476 224*	15
----------	-----------------	----

UK 2.5/10	476 229*	5
-----------	-----------------	---

UK 2.5/2	476 222*	25
----------	-----------------	----

UK 2.5/3	476 223*	20
----------	-----------------	----

UK 2.5/4	476 224*	15
----------	-----------------	----

UK 2.5/10	476 229*	5
-----------	-----------------	---

IP 4 S	498 160	25
--------	----------------	----

IP 4	498 170	25
------	----------------	----

IP 4 S	498 160	25
--------	----------------	----

IP 4	498 170	25
------	----------------	----

GE	496 110	50
----	----------------	----

GE	496 119	50
----	----------------	----

GE	496 110	50
----	----------------	----

GE	496 119	50
----	----------------	----

 0.2 - 4 MM² / 4 MM² / 32 A

6 kV / 3

1 / A3

IP 20 / -

 0.2 - 4 MM² / 4 MM² / 32 A

6 kV / 3

1 / A3

IP 20 / -

* ONLY LOWER DECKS CAN BE CROSS-CONNECTED

* ONLY LOWER DECKS CAN BE CROSS-CONNECTED





YBK SERIES

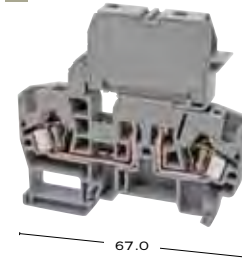
SPRING CLAMP FUSE AND
DISCONNECT TERMINAL
BLOCKS AND ACCESSORIES
FOR 5X20MM, 5X25MM FUSES

YBK S

WIDTH 8 MM

355 119

355 110



ELECTRICAL RATINGS

CE (EN 60947-7-1 / 60947-7-3)
UL / CSA

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.
AWG CONDUCTOR / FINE STRAND WITH FERRULE
INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66

GREY
GREY
GREY
GREY
GREY
GREY
GREY
GREY

VOLTAGE/CURRENT/CROSS-SECTION

500 V ~ / 10 A / 4 mm²

600 V ~ / 10 A / AWG 22-10

0.5 - 6 mm² / 0.5 - 4 mm²

22 - 10 / 0.5 - 4 mm²

12 mm / ...

TYPE	PART. NO.	QTY.
YBK S	355 119	20

MOUNTING RAILS

TS 35X7.5 SOLID

TS 35X7.5 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH

TS 35X15 SOLID

TS 35X15 SLOTTED



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

END BRACKET

THICKNESS 8MM

KD 3



BEIGE
GREY

END PLATE - DISCONNECT PLATE

WIDTH 1.5 MM - POLYAMIDE 66

GREY



NPP YBK S - YBK 1



NPP YBK 2.5 A

CROSS CONNECTION



WARNING LABEL

IP



WITH SYMBOL
WITHOUT SYMBOL

GROUP MARKING

GE



BEIGE
GREY

TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

SEE PAGES 104 & 105 FOR FURTHER DETAIL

TYPE	PART. NO.	STD. PK.
SLOTTED		
35X7.5	TS3575SL	2M
35X7.5	TS3575SL1	1M
35X7.5	TS3575SL1-A	1M
35X15	TS3515SL	2M
SOLID		
35X7.5	TS3575SOL	2M
35X15	TS3515SOL	2M

KD 3	495 040	100
KD 3	495 049	100

NPP YBK S - YBK 1	450 069	10
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UK 6/2	476 242	25
UK 6/3	476 243	20
UK 6/4	476 244	15
UK 6/10	476 249	5

IP 4 S	498 160	25
IP 4	498 170	25

GE	496 110	50
GE	496 119	50

0.2 - 6 mm² / 6 mm² / 10 A

6 kV / 3

1 / A4

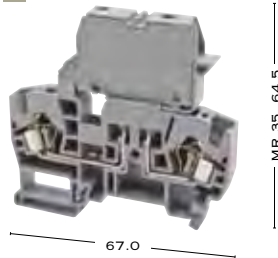
IP 20 / -

YBK SB

WIDTH 8 MM

363 109

363 100

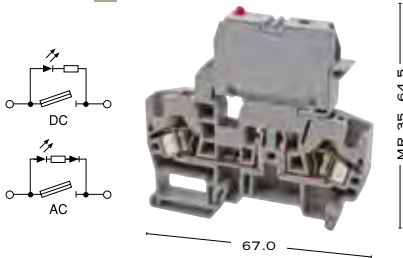


YBK SLD

WIDTH 8 MM

355 ...9

316 ...0

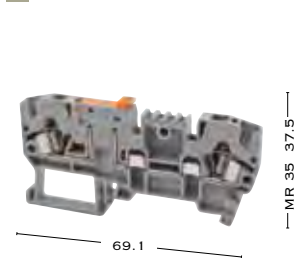


YBK 2.5 A

WIDTH 5 MM

353 209

353 200



VOLTAGE/CURRENT/CROSS-SECTION

500 V ~ / 10 A / 4 MM²

VOLTAGE/CURRENT/CROSS-SECTION

- V ~ / 10 A / 4 MM²

VOLTAGE/CURRENT/CROSS-SECTION

750 V ~ / 16 A / 2.5 MM²

600 V ~ / 10 A / AWG 22-12

0.5 - 6 MM² / 0.5 - 4 MM²

22 - 10 / 0.5 - 4 MM²

12 MM / ...

TYPE PART. NO. QTY.

YBK SB 363 109 20

0.5 - 6 MM² / 0.5 - 4 MM²

22 - 10 / 0.5 - 4 MM²

12 MM / ...

TYPE PART. NO. QTY.

YBK SLD 355 719 (24VAC) 20

YBK SLD 355 729 (24VDC) 20

YBK SLD 355 739 (48VAC) 20

YBK SLD 355 749 (48VDC) 20

YBK SLD 355 759 (110VAC) 20

YBK SLD 355 769 (110VDC) 20

YBK SLD 355 779 (220VAC) 20

YBK SLD 355 789 (220VDC) 20

0.5 - 4 MM² / 0.5 - 2.5 MM²

22 - 12 / 0.5 - 2.5 MM²

10 MM / ...

TYPE PART. NO. QTY.

YBK 2.5 A 353 209 50

TYPE PART. NO. STD. PK.

SLOTTED

35x7.5 TS3575SL 2M

35x7.5 TS3575SL1 1M

35x7.5 TS3575SL1-A 1M

35x15 TS3515SL 2M

SOLID

35x7.5 TS3575SOL 2M

35x15 TS3515SOL 2M

TYPE PART. NO. STD. PK.

SLOTTED

35x7.5 TS3575SL 2M

35x7.5 TS3575SL1 1M

35x7.5 TS3575SL1-A 1M

35x15 TS3515SL 2M

SOLID

35x7.5 TS3575SOL 2M

35x15 TS3515SOL 2M

TYPE PART. NO. STD. PK.

SLOTTED

35x7.5 TS3575SL 2M

35x7.5 TS3575SL1 1M

35x7.5 TS3575SL1-A 1M

35x15 TS3515SL 2M

SOLID

35x7.5 TS3575SOL 2M

35x15 TS3515SOL 2M

KD 3 495 040 100

KD 3 495 049 100

KD 3 495 040 100

KD 3 495 049 100

KD 3 495 040 100

KD 3 495 049 100

NPP YBK S - YBK 1 450 069 10

NPP YBK S - YBK 1 450 069 10

NPP YBK 2.5 A 450 219 10

UK 6/2 476 242 25

UK 6/3 476 243 20

UK 6/4 476 244 15

UK 6/10 476 249 5

UK 6/2 476 242 25

UK 6/3 476 243 20

UK 6/4 476 244 15

UK 6/10 476 249 5

UK 2.5/2 476 222 25

UK 2.5/3 476 223 20

UK 2.5/4 476 224 15

UK 2.5/10 476 229 5

IP 4 S 498 160 25

IP 4 498 170 25

IP 4 S 498 160 25

IP 4 498 170 25

IP 4 S 498 160 25

IP 4 498 170 25

GE 496 110 50

GE 496 119 50

GE 496 110 50

GE 496 119 50

GE 496 110 50

GE 496 119 50

0.2 - 6 MM² / 6 MM² / 10 A

6 kV / 3

1 / A4

IP 20 / -

0.2 - 6 MM² / 6 MM² / 10 A

6 kV / 3

1 / A4

IP 20 / -

0.2 - 4 MM² / 4 MM² / 16 A

8 kV / 3

1 / A3

IP 20 / -



YBK SERIES

SPRING CLAMP FUSE AND
DISCONNECT TERMINAL
BLOCKS AND ACCESSORIES
FOR 1 1/4"x1/4" FUSES

YBK 1

WIDTH 8 MM

355 129

355 120



MR 35 66.5

67.0



ELECTRICAL RATINGS

CE (EN 60947-7-1 / 60947-7-3)
UL / CSA

VOLTAGE/CURRENT/CROSS-SECTION

500 V ~ / 10 A / 4 MM²

600 V ~ / 10 A / AWG 22-10

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.
AWG CONDUCTOR / FINE STRAND WITH FERRULE
INSULATION STRIPPING LENGTH / TORQUE

0.5 - 6 MM² / 0.5 - 4 MM²

22 - 10 / 0.5 - 4 MM²

12 MM / ...

ORDERING DATA

POLYAMIDE 66

GREY

GREY

GREY

GREY

GREY

GREY

GREY

GREY

TYPE	PART. NO.	QTY.
YBK 1	355 129	20

MOUNTING RAILS

TS 35X7.5 SOLID

TS 35X15 SOLID

TS 35X7.5 SLOTTED

TS 35X15 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

TYPE	PART. NO.	STD. PK.
SLOTTED		
35X7.5	TS3575SL	2M
35X7.5	TS3575SL1	1M
35X7.5	TS3575SL1-A	1M
35X15	TS3515SL	2M
SOLID		
35X7.5	TS3575SOL	2M
35X15	TS3515SOL	2M

SLOTTED

35X7.5

35X7.5

35X7.5

35X15

SOLID

35X7.5

35X15

END BRACKET

THICKNESS 8MM

KD 3



BEIGE

GREY

KD 3	495 040	100
KD 3	495 049	100

END PLATE - DISCONNECT PLATE

WIDTH 1.5 MM - POLYAMIDE 66

GREY



NPP YBK S - YBK 1

NPP YBK S - YBK 1	450 069	10
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CROSS CONNECTION



UK 6/2	476 242	25
UK 6/3	476 243	20
UK 6/4	476 244	15
UK 6/10	476 249	5

WARNING LABEL

IP



WITH SYMBOL

WITHOUT SYMBOL

IP 4 S	498 160	25
IP 4	498 170	25

GROUP MARKING

GE



BEIGE

GREY

GE	496 110	50
GE	496 119	50

TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

0.2 - 6 MM² / 6 MM² / 10 A

6 kV / 3

1 / A4

IP 20 / -

MARKING TAGS

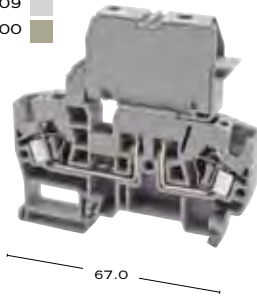
SEE PAGES 104 & 105 FOR FURTHER DETAIL

YBK IB

WIDTH 8 MM

363 209

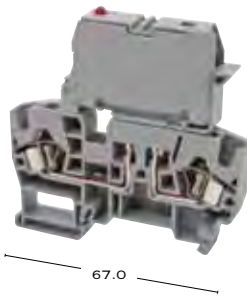
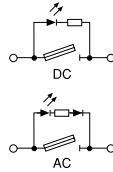
363 200



YBK ILD

WIDTH 8 MM

355 ...9



VOLTAGE/CURRENT/CROSS-SECTION

500 V ~ / 10 A / 4 MM²

0.5 - 6 MM² / 0.5 - 4 MM²

22 - 10 / 0.5 - 4 MM²

12 MM / ...

TYPE	PART. NO.	QTY.
YBK IB	363 209	20

TYPE	PART. NO.	STD. PK.
SLOTTED		
35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M

KD 3	495 040	100
KD 3	495 049	100

NPP YBK S - YBK I	450 069	10
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UK 6/2	476 242	25
UK 6/3	476 243	20
UK 6/4	476 244	15
UK 6/10	476 249	5

IP 4 S	498 160	25
IP 4	498 170	25

GE	496 110	50
GE	496 119	50

0.2 - 6 MM² / 6 MM² / 10 A
6 kV / 3
1 / A4
IP 20 / -

VOLTAGE/CURRENT/CROSS-SECTION

- V ~ / 10 A / 4 MM²

0.5 - 6 MM² / 0.5 - 4 MM²

22 - 10 / 0.5 - 4 MM²

12 MM / ...

TYPE	PART. NO.	QTY.
YBK ILD	355 819 (24VAC)	20
YBK ILD	355 829 (24VDC)	20
YBK ILD	355 839 (48VAC)	20
YBK ILD	355 849 (48VDC)	20
YBK ILD	355 859 (110VAC)	20
YBK ILD	355 869 (110VDC)	20
YBK ILD	355 879 (220VAC)	20
YBK ILD	355 889 (220VDC)	20

TYPE	PART. NO.	STD. PK.
SLOTTED		
35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M

KD 3	495 040	100
KD 3	495 049	100

NPP YBK S - YBK I	450 069	10
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UK 6/2	476 242	25
UK 6/3	476 243	20
UK 6/4	476 244	15
UK 6/10	476 249	5

IP 4 S	498 160	25
IP 4	498 170	25

GE	496 110	50
GE	496 119	50

0.2 - 6 MM² / 6 MM² / 10 A
6 kV / 3
1 / A4
IP 20 / -





YBK SERIES

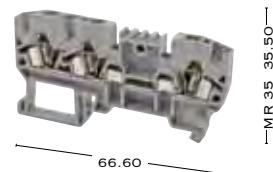
ONE INPUT - TWO OUTPUT
TWO INPUT - TWO OUTPUT
SPRING CLAMP TERMINAL
BLOCKS AND ACCESSORIES

YBK 2.5 E

WIDTH 5 MM

326 059

326 050



ELECTRICAL RATINGS

CE (EN 60947-7-1)

UL / CSA

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.

AWG CONDUCTOR / FINE STRAND WITH FERRULE

INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66

GREY

MOUNTING RAILS

TS 35X7.5 SOLID

TS 35X15 SOLID

TS 35X7.5 SLOTTED

TS 35X15 SLOTTED



STEEL SLOT DIM.

25MM ON 36MM CENTER

5.2MM SLOT WIDTH



ALUMINUM SLOT DIM.

13MM ON 26MM CENTER

5MM SLOT WIDTH

END BRACKET

THICKNESS 8MM

KD 3



BEIGE

GREY

END PLATE - DISCONNECT PLATE

WIDTH 1.5 MM - POLYAMIDE 66

GREY



NPP YBK 2,5 E



NPP YBK 2,5 C

CROSS CONNECTION



WARNING LABEL

IP



WITH SYMBOL

WITHOUT SYMBOL

GROUP MARKING

GE



BEIGE

GREY

TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

SEE PAGES 104 & 105 FOR FURTHER DETAIL

VOLTAGE/CURRENT/CROSS-SECTION

750 V ~ / 24 A / 2.5 MM²

600 V ~ / 20 A / AWG 22-12

0.5 - 4 MM² / 0.5 - 2.5 MM²

22 - 12 / 0.5 - 2.5 MM²

10 MM / ...

TYPE	PART. NO.	QTY.
YBK 2.5 E	326 059	50

TYPE	PART. NO.	STD. PK.
------	-----------	----------

SLOTTED

35X7.5 **TS3575SL** 2M

35X7.5 **TS3575SL1** 1M

35X7.5 **TS3575SL1-A** 1M

35X15 **TS3515SL** 2M

SOLID

35X7.5 **TS3575SOL** 2M

35X15 **TS3515SOL** 2M

KD 3 **495 040** 100

KD 3 **495 049** 100

NPP YBK 2.5 E **446 219** 10

UK 2.5/2 **476 222** 25

UK 2.5/3 **476 223** 20

UK 2.5/4 **476 224** 15

UK 2.5/10 **476 229** 5

IP 4 S **498 160** 25

IP 4 **498 170** 25

GE **496 110** 50

GE **496 119** 50

0.2 - 4 MM² / 4 MM² / 32 A

8 kV / 3

1 / A3

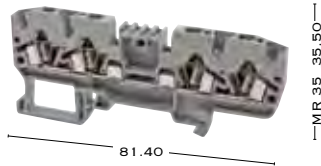
IP 20 / -

YBK 2.5 C

WIDTH 5 MM

326 109 

326 100 

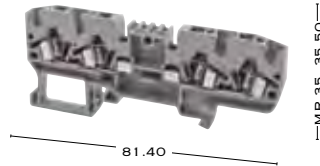


YBK 2.5 CX2

WIDTH 5 MM

326 209 

326 200 



VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION		
750 V ~ / 24 A / 2.5 MM ²			750 V ~ / 24 A / 2.5 MM ²		
600 V ~ / 20 A / AWG 22-12					
0.5 - 4 MM ² / 0.5 - 2.5 MM ²			0.5 - 4 MM ² / 0.5 - 2.5 MM ²		
22 - 12 / 0.5 - 2.5 MM ²			22 - 12 / 0.5 - 2.5 MM ²		
10 MM / ...			10 MM / ...		
TYPE	PART. No.	QTY.	TYPE	PART. No.	QTY.
YBK 2.5 C	326 109	30	YBK 2.5 CX2	326 209	50
TYPE	PART. No.	STD. PK.	TYPE	PART. No.	STD. PK.
SLOTTED			SLOTTED		
35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M	35x15	TS3515SL	2M
SOLID			SOLID		
35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M	35x15	TS3515SOL	2M
KD 3	495 040	100	KD 3	495 040	100
KD 3	495 049	100	KD 3	495 049	100
NPP YBK 2.5 C	446 279	10	NPP YBK 2.5 C	446 279	10
UK 2.5/2	476 222	25	UK 2.5/2	476 222	25
UK 2.5/3	476 223	20	UK 2.5/3	476 223	20
UK 2.5/4	476 224	15	UK 2.5/4	476 224	15
UK 2.5/10	476 229	5	UK 2.5/10	476 229	5
IP 4 S	498 160	25	IP 4 S	498 160	25
IP 4	498 170	25	IP 4	498 170	25
GE	496 110	50	GE	496 110	50
GE	496 119	50	GE	496 119	50
0.2 - 4 MM ² / 4 MM ² / 32 A			0.2 - 4 MM ² / 4 MM ² / 32 A		
8 kV / 3			8 kV / 3		
1 / A3			1 / A3		
IP 20 / -			IP 20 / -		





YBK SERIES

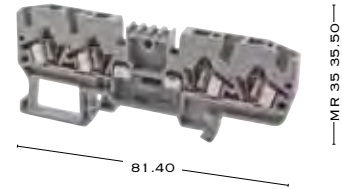
TWO INPUT - TWO OUTPUT
SPRING CLAMP TERMINAL
BLOCKS AND ACCESSORIES

YBK 2.5 CD

WIDTH 5 MM

326 219

326 210



ELECTRICAL RATINGS

CE (EN 60947-7-1 / 60947-7-3)
UL / CSA

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.
AWG CONDUCTOR / FINE STRAND WITH FERRULE
INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66
GREY
GREY
GREY
GREY
GREY
GREY
GREY
GREY
YELLOW-GREEN

VOLTAGE/CURRENT/CROSS-SECTION

750 V ~ / 24 A / 2.5 MM²

MOUNTING RAILS

TS 35x7.5 SOLID TS 35x15 SOLID
TS 35x7.5 SLOTTED TS 35x15 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

END BRACKET

THICKNESS 8MM
KD 3
BEIGE
GREY



END PLATE - DISCONNECT PLATE

WIDTH 1.5 MM - POLYAMIDE 66
GREY
YELLOW-GREEN



NPP YBK 2,5 E NPP YBK 2,5 C

ELECTRICAL RATING

DIODE REVERSE VOLTAGE
DIODE CURRENT
DIODE

1000V
1 A
1 N 40007

WARNING LABEL

IP
WITH SYMBOL
WITHOUT SYMBOL



GROUP MARKING

GE



BEIGE
GREY

GE 496 110 50
GE 496 119 50

TECHNICAL DATA

• MAX.CLAMPING RANGE / MAX. TECHNICAL DATA
• RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
• INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
• PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

0.2 - 4 MM² / 4 MM² / 32 A
8 kV / 3
1 / A3
IP 20 / -

MARKING TAGS

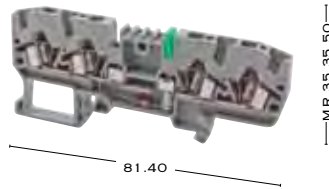
SEE PAGES 104 & 105 FOR FURTHER DETAIL

YBK 2.5 CLD

WIDTH 5 MM

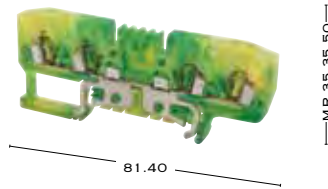
326 ...9

326 ...0

**YBK 2.5 CT**

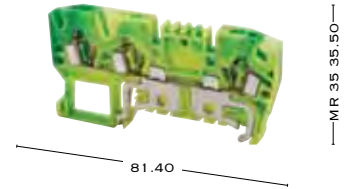
WIDTH 5 MM

336 100

**YBK 2.5 ET**

WIDTH 5 MM

336 110



VOLTAGE/CURRENT/CROSS-SECTION

- V ~ / 24 A / 2.5 MM²

600 V ~ / 20 A / AWG 22-12

0.5 - 4 MM² / 0.5 - 2.5 MM²22 - 12 / 0.5 - 2.5 MM²

10 MM / ...

TYPE	PART. No.	QTY.
YBK 2.5 CLD	326 319 (24VAC)	50
YBK 2.5 CLD	326 419 (48VAC)	50
YBK 2.5 CLD	326 619 (110VAC)	50
YBK 2.5 CLD	326 719 (220VAC)	50
YBK 2.5 CLD	326 329 (24VDC)	50
YBK 2.5 CLD	326 429 (48VDC)	50
YBK 2.5 CLD	326 629 (110VDC)	50
YBK 2.5 CLD	326 729 (220VDC)	50

TYPE	PART. No.	STD. PK.
SLOTTED		
35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M
KD 3	495 040	100
KD 3	495 049	100

NPP YBK 2.5 C **446 279** 10

IP 4 S **498 160** 25

IP 4 **498 170** 25

GE **496 110** 50

GE **496 119** 50

0.2 - 4 MM² / 4 MM² / 32 A

8 kV / 3

1 / A3

IP 20 / -

VOLTAGE/CURRENT/CROSS-SECTION

- V ~ / - A / 2.5 MM²

- V ~ / - A / AWG 22-12

0.5 - 4 MM² / 0.5 - 2.5 MM²22 - 12 / 0.5 - 2.5 MM²

10 MM / ...

TYPE	PART. No.	QTY.
YBK 2.5 CT	336 100	50

TYPE	PART. No.	STD. PK.
SLOTTED		
35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M
KD 3	495 040	100
KD 3	495 049	100

NPP YBK 2.5 CT **446 272 T** 10

IP 4 S **498 160** 25

IP 4 **498 170** 25

GE **496 110** 50

GE **496 119** 50

0.2 - 4 MM² / 4 MM² / 32 A

8 kV / 3

1 / A3

IP 20 / PE

VOLTAGE/CURRENT/CROSS-SECTION

- V ~ / - A / 2.5 MM²0.5 - 4 MM² / 0.5 - 2.5 MM²22 - 12 / 0.5 - 2.5 MM²

10 MM / ...

TYPE	PART. No.	QTY.
YBK 2.5 ET	336 110	50

TYPE	PART. No.	STD. PK.
SLOTTED		
35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M
SOLID		
35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M
KD 3	495 040	100
KD 3	495 049	100

NPP YBK 2.5 E **446 212** 10

IP 4 S **498 160** 25

IP 4 **498 170** 25

GE **496 110** 50

GE **496 119** 50

0.2 - 4 MM² / ...

8 kV / 3

1 / A3

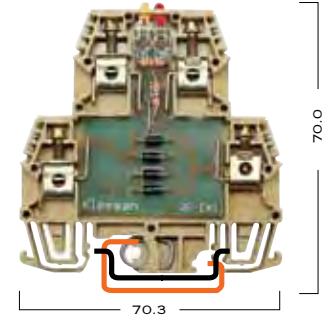
IP 20 / PE



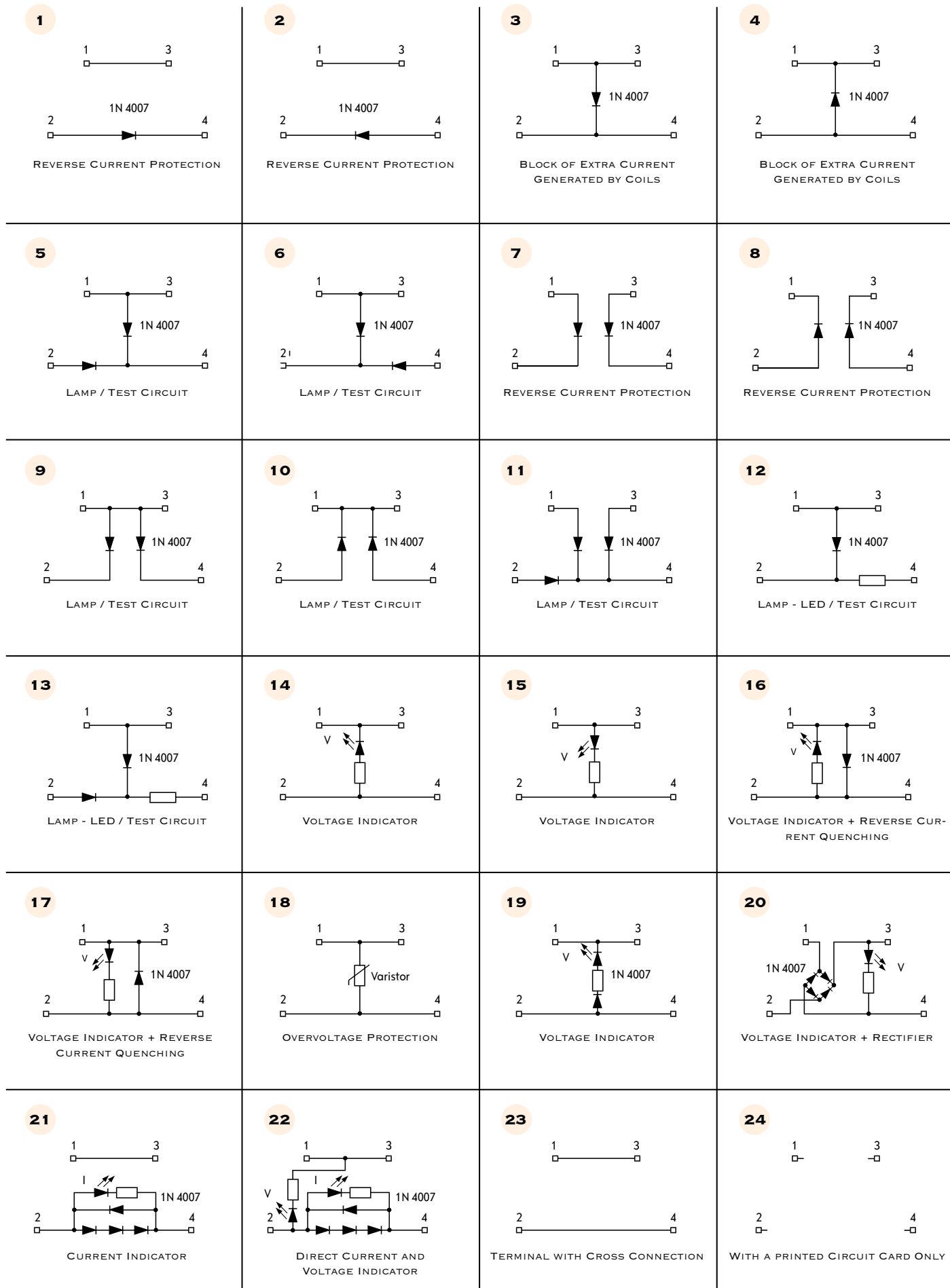
WG SERIES

DOUBLE LEVEL ELECTRONIC
TERMINAL BLOCKS
AND ACCESSORIES

WG-EKI



ELECTRICAL RATINGS		VOLTAGE/CURRENT/CROSS-SECTION			
TERMINAL CURRENT		10 A			
DIODE VOLTAGE		1000 V			
DIODE CURRENT		1 A			
CONNECTION DATA					
SOLID STRAND, SCREW CONNECTION		0.5 - 6 MM²			
FINE STRAND, SCREW CONNECTION		0.5 - 2.5 MM²			
AWG CONDUCTOR		AWG 22 - 12			
TERMINAL WIDTH		7.5 MM			
INSULATION STRIPPING LENGTH		7 MM			
ORDERING DATA		TYPE	SCH.CIR.DIA.	INPUT VOLT.	PART. No.
POLYAMIDE 66		WG-EKI	1		110 010
		WG-EKI	2		110 020
		WG-EKI	3		110 030
		WG-EKI	4		110 040
		WG-EKI	5		110 050
		WG-EKI	6		110 060
		WG-EKI	7		110 070
		WG-EKI	8		110 080
		WG-EKI	9		110 090
		WG-EKI	10		110 100
		WG-EKI	11		110 110
		WG-EKI	12	24V	110 120
		WG-EKI	13	24V	110 130
		WG-EKI	14	24VDC	110 140
		WG-EKI	14	110VDC	110 150
		WG-EKI	14	220VDC	110 160
		WG-EKI	15	24VDC	110 170
		WG-EKI	15	110VDC	110 180
		WG-EKI	15	220VDC	110 190
		WG-EKI	16	24VDC	110 200
		WG-EKI	17	24VDC	110 210
		WG-EKI	18	30V	110 220
		WG-EKI	18	60V	110 230
		WG-EKI	18	75V	110 240
		WG-EKI	18	130V	110 250
		WG-EKI	18	275V	110 260
		WG-EKI	19	24VAC	110 270
		WG-EKI	19	48VAC	110 280
		WG-EKI	19	110VAC	110 290
		WG-EKI	19	220VAC	110 300
		WG-EKI	20	24VAC	110 310
		WG-EKI	20	110VAC	110 320
		WG-EKI	20	220VAC	110 330
		WG-EKI	21	DC	110 340
		WG-EKI	22	24VDC	110 350
		WG-EKI	22	48VDC	110 360
		WG-EKI	22	60VDC	110 370
		WG-EKI	23	-	110 380
		WG-EKI	24	-	110 390
END PLATE		TYPE	WIDTH	PART. No.	
		NPP-EKI	1.2 MM	111 010	
MARKING TAGS					
SEE PAGES 104 & 105 FOR FURTHER DETAIL					





PCY SERIES

PVY TYPE TERMINAL BLOCKS
FOR PCB CONNECTIONS AND
ACCESSORIES

PCY 2.5

WIDTH 5.05 MM

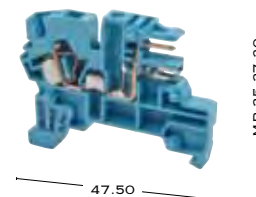
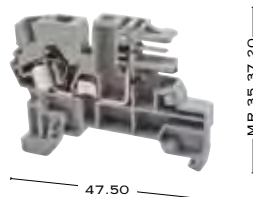
364 019 

364 010 

PCY 2.5 N

WIDTH 5.05 MM

364 080 



ELECTRICAL RATINGS

CE (EN 60947-7-1)

UL / CSA

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.

AWG CONDUCTOR / FINE STRAND WITH FERRULE

INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66

GREY
GREY
GREY
BLUE

VOLTAGE/CURRENT/CROSS-SECTION

250 V ~ / 10 A / 2.5 MM²

300 V ~ / 10 A / AWG 22 - 12

0.5 - 4 MM² / 0.5 - 2.5 MM²

22 - 12 / 0.5 - 2.5 MM²

10 MM /

TYPE PART. NO. QTY.

PCY 2.5 364 019 100

VOLTAGE/CURRENT/CROSS-SECTION

250 V ~ / 10 A / 2.5 MM²

300 V ~ / 10 A / AWG 22 - 12

0.5 - 4 MM² / 0.5 - 2.5 MM²

22 - 12 / 0.5 - 2.5 MM²

10 MM /

TYPE PART. NO. QTY.

PCY 2.5 N 364 080 100

MOUNTING RAILS

TS 35X7.5 SOLID

TS 35X7.5 SLOTTED



STEEL SLOT DIM.
25MM ON 36MM CENTER
5.2MM SLOT WIDTH

TS 35X15 SOLID

TS 35X15 SLOTTED



ALUMINUM SLOT DIM.
13MM ON 26MM CENTER
5MM SLOT WIDTH

TYPE PART. NO. STD. PK.

SLOTTED

35X7.5 TS3575SL 2M

35X7.5 TS3575SL1 1M

35X7.5 TS3575SL1-A 1M

35X15 TS3515SL 2M

SOLID

35X7.5 TS3575SOL 2M

35X15 TS3515SOL 2M

TYPE PART. NO. STD. PK.

SLOTTED

35X7.5 TS3575SL 2M

35X7.5 TS3575SL1 1M

35X7.5 TS3575SL1-A 1M

35X15 TS3515SL 2M

SOLID

35X7.5 TS3575SOL 2M

35X15 TS3515SOL 2M

END BRACKET

THICKNESS 8MM

KD 3



GREY

KD 3 495 049 100

KD 3 495 049 100

END PLATE

WIDTH 1.5 MM -
POLYAMIDE 66



GREY
BLUE

NPP PCY 450 199 100

NPP PCY 450 191 100

CROSS CONNECTION



UK 2.5/2 476 222 25

UK 2.5/3 476 223 20

UK 2.5/4 476 224 15

UK 2.5/10 476 229 5

UK 2.5/2 476 222 25

UK 2.5/3 476 223 20

UK 2.5/4 476 224 15

UK 2.5/10 476 229 5

TEST PLUG-Soc. / INS. TEST Soc.

TF



ITK



T5K



TF (Ø2) 493 020 5

TF (Ø2) 493 020 5

WARNING LABEL

IP



WITH SYMBOL
WITHOUT SYMBOL

IP 2 S 498 130 25

IP 2 498 140 25

IP 2 S 498 130 25

IP 2 498 140 25

GROUP MARKING

GE



GE2



GREY

GE 496 119 50

GE 2 496 250 25

GE 496 119 50

GE 2 496 250 25

TECHNICAL DATA

- MAX.CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

0.2 - 4 MM² / 4 MM² / 10 A

4 kV / 3

1 / A3

IP 20 / -

0.2 - 4 MM² / 4 MM² / 10 A

4 kV / 3

1 / A3

IP 20 / -

MARKING TAGS

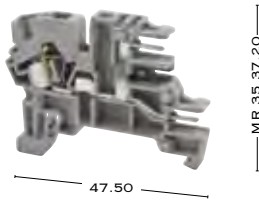
SEE PAGES 104 & 105 FOR FURTHER DETAIL

PCY 2.5 E

WIDTH 5.05 MM

364 059

364 050

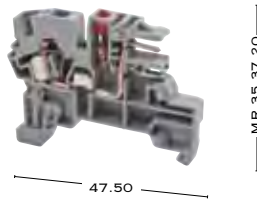


PCY 2.5 L

WIDTH 5.05 MM

... ..9

... ..0

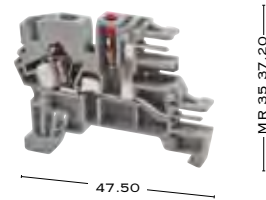


PCY 2.5 EL

WIDTH 5.05 MM

... ..9

... ..0



VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION		
250 V ~ / 10 A / 2.5 MM ²			- V ~ / 10 A / 2.5 MM ²			- V ~ / 10 A / 2.5 MM ²		
300 V ~ / 10 A / AWG 22 - 12			- V ~ / 10 A / AWG 22 - 12			- V ~ / 10 A / AWG 22 - 12		
0.5 - 4 MM ² / 0.5 - 2.5 MM ²			0.5 - 4 MM ² / 0.5 - 2.5 MM ²			0.5 - 4 MM ² / 0.5 - 2.5 MM ²		
22 - 12 / 0.5 - 2.5 MM ²			22 - 12 / 0.5 - 2.5 MM ²			22 - 12 / 0.5 - 2.5 MM ²		
10 MM /			10 MM /			10 MM /		
TYPE	PART. NO.	QTY.	TYPE	PART. NO.	QTY.	TYPE	PART. NO.	QTY.
PCY 2.5 E	364 059	100	PCY 2.5 L	364 029 (24VDC)	50	PCY 2.5 EL	364 069 (24VDC)	50
			PCY 2.5 L	364 039 (110VAC)	50	PCY 2.5 EL	364 079 (110VAC)	50
			PCY 2.5 L	364 049 (220VAC)	50	PCY 2.5 EL	364 089 (220VAC)	50
TYPE	PART. NO.	STD. PK.	TYPE	PART. NO.	STD. PK.	TYPE	PART. NO.	STD. PK.
SLOTTED			SLOTTED			SLOTTED		
35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M	35x7.5	TS3575SL	2M
35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M	35x7.5	TS3575SL1	1M
35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M	35x7.5	TS3575SL1-A	1M
35x15	TS3515SL	2M	35x15	TS3515SL	2M	35x15	TS3515SL	2M
SOLID			SOLID			SOLID		
35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M	35x7.5	TS3575SOL	2M
35x15	TS3515SOL	2M	35x15	TS3515SOL	2M	35x15	TS3515SOL	2M
KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100
NPP PCY	450 199	100	NPP PCY	450 199	100	NPP PCY	450 199	100
UK 2.5/2	476 222	25	UK 2.5/2	476 222	25	UK 2.5/2	476 222	25
UK 2.5/3	476 223	20	UK 2.5/3	476 223	20	UK 2.5/3	476 223	20
UK 2.5/4	476 224	15	UK 2.5/4	476 224	15	UK 2.5/4	476 224	15
UK 2.5/10	476 229	5	UK 2.5/10	476 229	5	UK 2.5/10	476 229	5
TF (Ø2.3)	493 023	5	TF (Ø2.3)	493 023	5	TF (Ø2.3)	493 023	5
TF (Ø4)	493 040	5	TF (Ø4)	493 040	5	TF (Ø4)	493 040	5
TSK 4 (Ø2.3)	490 040	5	TSK 4 (Ø2.3)	490 040	5	TSK 4 (Ø2.3)	490 040	5
TSK 7 (Ø4)	490 070	5	TSK 7 (Ø4)	490 070	5	TSK 7 (Ø4)	490 070	5
ITK 28 (Ø4)	492 010	5	ITK 28 (Ø4)	492 010	5	ITK 28 (Ø4)	492 010	5
IP 2 S	498 130	25	IP 2 S	498 130	25	IP 2 S	498 130	25
IP 2	498 140	25	IP 2	498 140	25	IP 2	498 140	25
GE	496 119	50	GE	496 119	50	GE	496 119	50
GE 2	496 250	25	GE 2	496 250	25	GE 2	496 250	25
0.2 - 4 MM ² / 4 MM ² / 10 A			0.2 - 4 MM ² / 4 MM ² / 10 A			0.2 - 4 MM ² / 4 MM ² / 10 A		
4 kV / 3			4 kV / 3			4 kV / 3		
1 / A3			1 / A3			1 / A3		
IP 20 / -			IP 20 / -			IP 20 / -		



TRV SERIES

TRANSFORMER TERMINAL BLOCKS AND ACCESSORIES

TRV 4

WIDTH 7.5 MM
422 017



TRV 4 B

WIDTH 7.5 MM
422 057



TORQUE: 0.5 NM

TORQUE: 0.5 NM

ELECTRICAL RATINGS

CE (EN 60998-1 / 61558-1)

UL / CSA

CONNECTION DATA

SOLID STRAND, SCREW CON. - FINE STRAND, SCREW CON.

AWG CONDUCTOR / FINE STRAND WITH FERRULE

INSULATION STRIPPING LENGTH / TORQUE

ORDERING DATA

POLYAMIDE 66

ORANGE

GREY

BEIGE

YELLOW-GREEN

TECHNICAL DATA

- MAX. CLAMPING RANGE / MAX. TECHNICAL DATA
- RATED IMPULSE VOLTAGE / POLLUTION SEVERITY
- INSULATION MATERIAL GROUP / GAUGE PIN CODE ACCORDING TO IEC 60947-1
- PROTECTION CLASS / PROTECTION CONDUCTOR TYPE

MARKING TAGS

SEE PAGES 104 & 105 FOR FURTHER DETAIL

VOLTAGE/CURRENT/CROSS-SECTION

750 V ~ / 25 A / 4 MM²

600 V ~ / 20 A / AWG 26 - 10

0.5 - 6 MM² / 0.5 - 6 MM²

26 - 10 / 0.5 - 4 MM²

10 MM / 0.5 NM

TYPE PART. NO. QTY.

TRV 4

422 017

50

TRV 4

422 019

50

TRV 4

422 010

50

VOLTAGE/CURRENT/CROSS-SECTION

750 V ~ / 25 A / 4 MM²

600 V ~ / 20 A / AWG 26 - 10

0.5 - 6 MM² / 0.5 - 6 MM²

26 - 10 / 0.5 - 4 MM²

10 MM / 0.5 NM

TYPE PART. NO. QTY.

TRV 4 B

422 057

50

TRV 4 B

422 059

50

TRV 4 B

422 050

50

0.2 - 6 MM² / 6 MM² / 32 A

8 kV / 3

1 / B4

IP 20 / -

0.2 - 6 MM² / 6 MM² / 32 A

8 kV / 3

1 / B4

IP 20 / -



TRV SERIES ENABLES USERS TO MAKE ELECTRICAL CONNECTIONS TO LV TRANSFORMERS. WHILE TRV 4 PROVIDES THE CONNECTION WITH FAST-ON TYPE TERMINALS, TRV 4M REALIZES DOUBLE TERMINAL CONNECTION POSSIBLE. OTHER MEMBERS OF THIS SERIES GIVE THE OPPORTUNITY OF SETTING DOUBLE CONNECTION TO CABLES WITH 10 MM² CROSS SECTION AND FUSE USAGE.

TRV 4 M

WIDTH 15 MM
422 047



TORQUE: 0.5 NM

TRV 4 S

WIDTH 12.5 MM
422 027



TORQUE: 0.5 NM

TRV 4 T

WIDTH 12 MM
422 060



TORQUE: 0.5 NM

TRV 10

WIDTH 22 MM
422 037



TORQUE: 1.2 NM

VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION			VOLTAGE/CURRENT/CROSS-SECTION		
750 V ~ / 25 A / 4 MM ²			500 V ~ / 10 A / 4 MM ²			- V ~ / - A / 4 MM ²			750 V ~ / 63 A / 10 MM ²		
600 V ~ / 20 A / AWG 26 - 10			300 V ~ / 10 A / AWG 26 - 10			- V ~ / - A / AWG 26 - 10			600 V ~ / 55 A / AWG 16 - 6		
0.5 - 6 MM ² / 0.5 - 6 MM ²			0.5 - 6 MM ² / 0.5 - 6 MM ²			0.5 - 6 MM ² / 0.5 - 6 MM ²			1.5 - 25 MM ² / 1.5 - 16 MM ²		
26 - 10 / 0.5 - 4 MM ²			26 - 10 / 0.5 - 4 MM ²			26 - 10 / 0.5 - 4 MM ²			16 - 6 / 1.5 - 16 MM ²		
10 MM / 0.5 NM			10 MM / 0.5 NM			10 MM / 0.5 NM			12 MM / 1.2 NM		
TYPE	PART. NO.	QTY.	TYPE	PART. NO.	QTY.	TYPE	PART. NO.	QTY.	TYPE	PART. NO.	QTY.
TRV 4 M	422 047	50	TRV 4 S	422 027	50				TRV 10	422 037	25
TRV 4 M	422 049	50	TRV 4 S	422 029	50				TRV 10	422 039	25
TRV 4 M	422 040	50	TRV 4 S	422 020	50				TRV 10	422 030	25
						TRV 4 T	422 027 T	50			
0.2 - 6 MM ² / 6 MM ² / 32 A			0.2 - 6 MM ² / 6 MM ² / 32 A			0.2 - 6 MM ² / 6 MM ² / 32 A			1.5 - 25 MM ² / 16 MM ² / 63 A		
8 kV / 3			8 kV / 3			8 kV / 3			8 kV / 3		
1 / B4			1 / B4			1 / B4			1 / B6		
IP 20 / -			IP 20 / -			IP 20 / PE			IP 20 / -		





PSK SERIES

TERMINAL STRIPS

- THE PRODUCT IN THE FIGURE IS THE NEW PSK 1/2 TERMINAL STRIP.
- FOR ALLOWING MARKING, LABEL SLOTS ARE DESIGNED ACCORDING TO DB 5 AND DG 6/5 MARKING TAGS (DEKAFIX)
- ASSEMBLY OF THE TERMINAL SHOULD BE MADE WITH MAXIMUM 3 MM WIDTH SCREW.

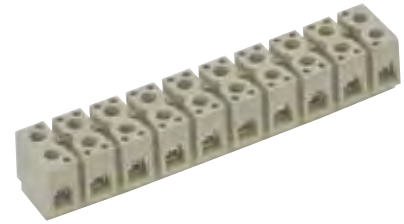
PSK 1/2



PSK 1



PSK 2



ELECTRICAL RATINGS	VOLTAGE / CURRENT / CROSS-SEC.			VOLTAGE / CURRENT / CROSS-SEC.		
	TSE (EN 60998-2-1) (IEC 60998-1, IEC 60998-2-1)					
INSULATION STRIPPING LENGTH	5 MM			9 MM		
TORQUE	0.5 NM			0.8 NM		
ORDERING DATA	TYPE	CAT. NO.	QTY.	TYPE	CAT. NO.	QTY.
	PSK 1/2 (W/2)	420 020	100	PSK 2/2 (W/2)	421 020	100
	PSK 1/12 (W/12)	420 120	75	PSK 2/10 (W/10)	421 100	20

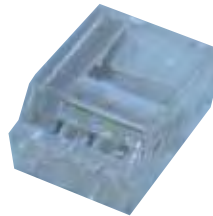
BUK SERIES

JUNCTION BOX

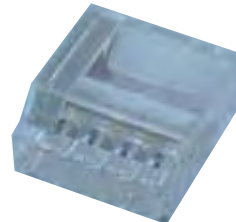
TERMINAL STRIPS

- SUITABLE FOR 1.5 - 2.5 MM² SOLID STRAND CABLES
- CAGE CLAMP CONNECTION
- ONE-POINT TEST
- DISASSEMBLING BY TURNING THE CABLE LEFT

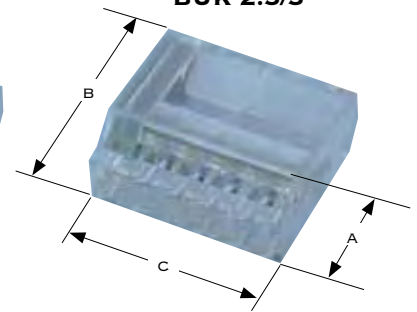
BUK 2.5/3



BUK 2.5/4

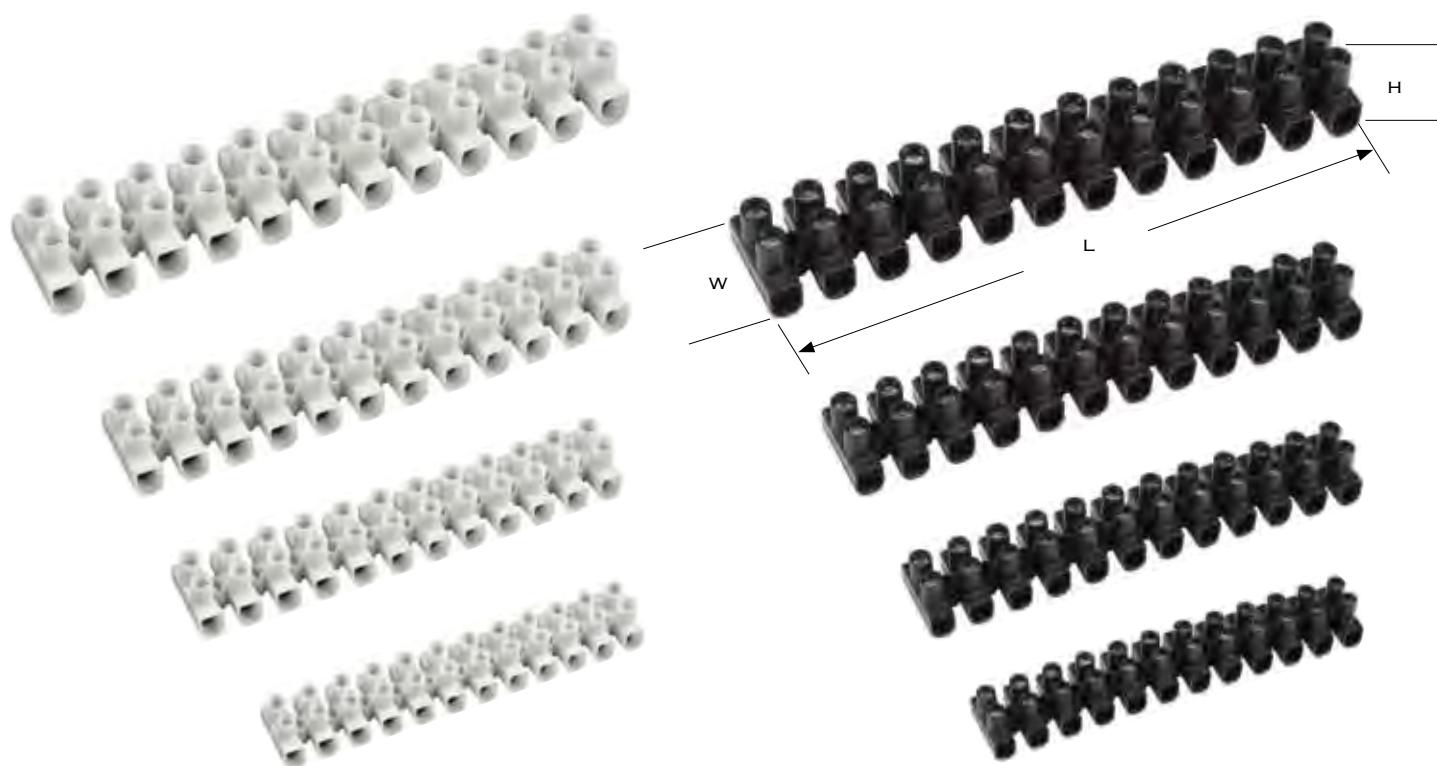


BUK 2.5/5



ELECTRICAL RATINGS				VOLTAGE / CURRENT / CROSS-SEC.			VOLTAGE / CURRENT / CROSS-SEC.			VOLTAGE / CURRENT / CROSS-SEC.		
IEC 60998-1, IEC 60998-2-1 (VDE)				450 V ~ / 24 A / 2,5 MM²			450 V ~ / 24 A / 2,5 MM²			450 V ~ / 24 A / 2,5 MM²		
CONNECTION DATA												
SOLID STRAND				1.0 - 2.5 MM²			1.0 - 2.5 MM²			1.0 - 2.5 MM²		
INSULATION STRIPPING LENGTH				7 MM			7 MM			7 MM		
AWG CONDUCTOR				22 ... 12			22 ... 12			22 ... 12		
DIMENSIONS												
A				9.4			9.4			9.4		
B				19.4			19.4			19.4		
C				13.8			17.6			21.1		
ORDERING DATA				TYPE	CAT.NO.	QTY.	TYPE	CAT.NO.	QTY.	TYPE	CAT.NO.	QTY.
				BUK 2.5/3	425 235	100	BUK 2.5/4	425 245	100	BUK 2.5/5	425 255	100

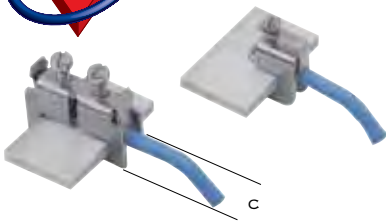
TERMINAL STRIPS



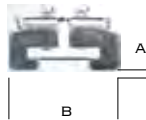
ELECTRICAL RATINGS	VOLT. / CURRENT / CROSS-SEC.			VOLT. / CURRENT / CROSS-SEC.			VOLT. / CURRENT / CROSS-SEC.			VOLT. / CURRENT / CROSS-SEC.		
IEC 60998-1, IEC 60998-2 (VDE)	450 V ~ / 32 A / 2.5 MM²			450 V ~ / 41 A / 4 MM²			450 V ~ / 57 A / 6 MM²			450 V ~ / 32 A / 2.5 MM²		
UL	300 V ~ / 20 A / AWG 22 - 10			300 V ~ / 30 A / AWG 22 - 10			300 V ~ / 50 A / AWG 14 - 8			300 V ~ / 20 A / AWG 26 - 10		
TORQUE	0.4 NM			0.5 NM			0.8 NM			0.4 NM		
CONNECTION DATA												
SOLID STRAND, SCREW CONNECTION	0.75 - 4 MM²			0.75 - 6 MM²			1.5 - 6 MM²			4 - 16 MM²		
FINE STRAND, SCREW CONNECTION	0.5 - 2.5 MM²			0.5 - 4 MM²			1.5 - 6 MM²			4 - 10 MM²		
INSULATION STRIPPING LENGTH / TORQUE	7 MM			8 MM			10 MM			10 MM		
AWG CONDUCTOR	22...12			22...10			14...8			10...6		
ORDERING DATA	TYPE	CAT.NO.	QTY.	TYPE	CAT.NO.	QTY.	TYPE	CAT.NO.	QTY.	TYPE	CAT.NO.	QTY.
BLACK (WITH SCREW BLOCKAGE, PASSIVATED)	SK 1	430 002	50	SK 2	430 012	50	SK 3	430 022	50	SK 4	430 032	50
NATUREL (WITH SCREW BLOCKAGE, NI COATED)	SK 1	431 002	50	SK 2	431 012	50	SK 3	431 022	50	SK 4	431 032	50
DIMENSIONS												
L	95			116			135			176		
W	16			19			22.5			25.3		
H	12.8			15			17.65			20.5		



CLAMPING YOKES AND ACCESSORIES



BIK 1
400 110



BIK 2
400 120



BIK 3
400 130



BIK 4
400 140



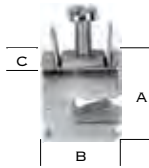
BIK 5
400 150



ELECTRICAL RATINGS											
CROSS-SECTION		1.5 - 6 MM ²		6 - 35 MM ²		6 - 35 MM ²		6 - 35 MM ²		6 - 35 MM ²	
BUSBARS USED		25 X 3 MM		30 X 5 MM		40 X 5 MM		40 X 10 MM		30 X 10 MM	
TORQUE		1.5 NM		1.5 NM		1.5 NM		1.5 NM		1.5 NM	
ORDERING DATA		CAT. NO.	QTY.	CAT. NO.	QTY.	CAT. NO.	QTY.	CAT. NO.	QTY.	CAT. NO.	QTY.
		400 110	100	400 120	100	400 130	100	400 140	100	400 150	100
CONNECTION DATA											
INSULATION STRIPPING LENGTH		19 MM		21 MM		26 MM		26 MM		21 MM	
AWG CONDUCTOR		14 ... 8		8 ... 1		8 ... 1		8 ... 1		8 ... 1	
DIMENSIONS											
	A	21.8		25.7		26.5		32.0		28.5	
	B	39.7		44.0		54.0		54.0		44.0	
	C	10.5		13.0		13.0		13.0		13.0	

BIK and **SBK** TYPE TERMINALS ARE PRODUCED SUITABLE FOR VARIOUS BUSBAR SIZES. IT IS POSSIBLE TO TRANSFER ENERGY PRACTICALLY WITHOUT DRILLING THE BUSBARS. **SBK** TYPE IS MORE ADVANTAGEOUS THAN **BIK** TYPE IN SENSE OF CABLE CONNECTION ABILITY BY CONNECTING TERMINAL ON BUSBAR OPTIONALLY.

SBK 16/5
401 173



SBK 16/10
401 174



SBK 35/5
401 180



SBK 35/10
401 181



SBK 50/5
401 501



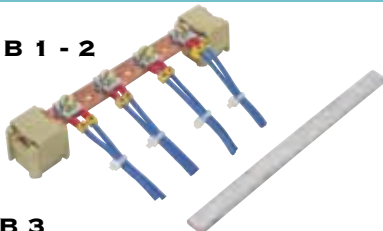
SBK 50/10
401 502



ELECTRICAL RATINGS													
CROSS-SECTION		1.5 - 16 MM²		1.5 - 16 MM²		16 - 35 MM²		16 - 35 MM²		25 - 50 MM²		25 - 50 MM²	
BUSBARS USED		 X 5 MM		 X 10 MM		 X 5 MM		 X 10 MM		 X 5 MM		 X 10 MM	
TORQUE		4 NM		4 NM		6 NM		6 NM		8 NM		8 NM	
ORDERING DATA		CAT. No.	QTY.	CAT. No.	QTY.	CAT. No.	QTY.	CAT. No.	QTY.	CAT. No.	QTY.	CAT. No.	QTY.
		401 173	100	401 174	100	401 180	25	401 181	25	401 501	25	401 502	25
CONNECTION DATA													
INS. STRIPPING LENGTH		22 MM		22 MM		30 MM		30 MM		36 MM		36 MM	
AWG CONDUCTOR		14 ... 6		14 ... 6		10 ... 2		10 ... 2		6 ... 10		6 ... 10	
DIMENSIONS													
A		25.0		29.3		31.0		36.0		41.0		46.0	
	B	21.5		21.5		29.0		29.0		35.0		35.0	
C		11.7		11.7		16.3		16.3		17.5		17.0	

BUSBARS

KUB 1 - 2

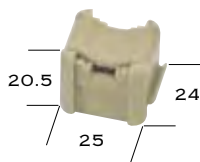


KUB 3

SINGLE STRAND SCREW CONNECTION : 0.5 ... 2.5 MM
INSULATION STRIPPING LENGTH : 9 MM

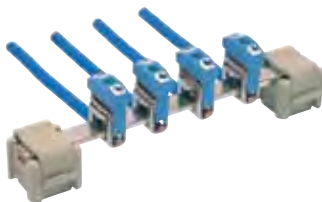
TYPE	CAT. NO.	CURRENT (A)	MATERIAL	DIMENSIONS(MM)	QTY.
KUB 1	525 100	80	E - CU	15 x 2	1 M
KUB 1/2	525 101	80	E - CU	15 x 2	50 CM
KUB 2	525 200	140	E - CU	15 x 3	1 M
KUB 2/2	525 201	140	E - CU	15 x 3	50 CM
KUB 3	525 300	80	E - CU	10 x 3	1 M
KUB 3/3	525 350	80	TIN PLATED E - CU	10 x 3	1 M

BUSBAR SUPPORT BLOCK



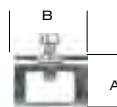
TYPE	CAT. NO.	DIMENSIONS	MATERIAL	QTY.
BM	528 110	15 x 2	PA 6.6	50
		15 x 3		
		12 x 2		
		10 x 3		
		6 x 6		

CLAMPING YOKES AND ACCESSORIES

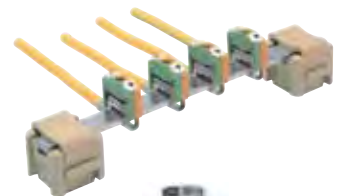


THE CLAMPING YOKES CAN BE SLID ONTO THE 10 X 3 BUSBAR UP TO 50 MM² AND THE ENTIRE WIRING MATCHED TO THE INSTALLATION.

BK 4
525 361



BK 10
525 362



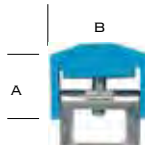
BK 35
525 363



ELECTRICAL RATINGS											
CROSS-SECTION	4 MM²			10 MM²			35 MM²				
INSULATION STRIPPING LENGTH	16 MM			19 MM			19 MM				
FIXING SCREW	M 3			M 4			M 6				
BUSBAR DIMENSIONS	10 x 3			10 x 3			10 x 3				
TORQUE	0.5 NM			1.2 NM			2.8 NM				
ORDERING DATA											
	TYPE	CAT. No.	QTY.	TYPE	CAT. No.	QTY.	TYPE	CAT. No.	QTY.		
	BK 4	525 361	200	BK 10	525 362	100	BK 35	525 363	50		
CONNECTION DATA											
SOLID STRAND	0.5 ... 6 MM²			1.5 ... 10 MM²			16 ... 50 MM²				
FINE STRAND,	0.5 ... 4 MM²			2.5 ... 10 MM²			16 ... 35 MM²				
AWG CONDUCTOR	20 ... 10			14 ... 6			4 ... 1				
DIMENSIONS											
	A	11.3			17.2			23.3			
	B	15.6			15.6			18.2			
	C	5.5			8.7			14.4			

IBK TYPE CLAMPING YOKES ARE DESIGNED WITH BLUE INSULATION CAPS IN ORDER TO INDICATE CONNECTION TO THE N-LEAD. THEY CAN BE USED WITH DB 5 MARKING TAG.

IBK 4
525 371



IBK 10
525 372



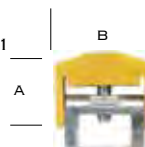
IBK 35
525 373



ELECTRICAL RATINGS											
CROSS-SECTION	4 MM²			10 MM²			35 MM²				
INSULATION STRIPPING LENGTH	16 MM			19 MM			19 MM				
FIXING SCREW	M 3			M 4			M 6				
BUSBAR DIMENSIONS	10 x 3			10 x 3			10 x 3				
ISOLATION CAP	BLUE			BLUE			BLUE				
TORQUE	0.5 NM			1.2 NM			2.8 NM				
ORDERING DATA											
	TYPE	CAT. NO.	QTY.	TYPE	CAT. NO.	QTY.	TYPE	CAT. NO.	QTY.		
	IBK 4	525 371	100	IBK 10	525 372	100	IBK 35	525 373	50		
CONNECTION DATA											
SOLID STRAND	0.5 ... 6 MM²			1.5 ... 10 MM²			16 ... 50 MM²				
FINE STRAND,	0.5 ... 4 MM²			2.5 ... 10 MM²			16 ... 35 MM²				
AWG CONDUCTOR	20 ... 10			14 ... 6			4 ... 1				
DIMENSIONS											
	A	14.1			19.9			8.8			
	B	18.8			18.8			31.7			
	C	6.4			8.5			14.1			

IBK TYPE CLAMPING YOKES ARE DESIGNED WITH YELLOW - GREEN INSULATION CAPS TO EMPHASISE THE PROTECTION FUNCTION. THEY CAN BE USED WITH DB 5 MARKING TAG.

IBK 4
525 381



IBK 10
525 382



IBK 35
525 383

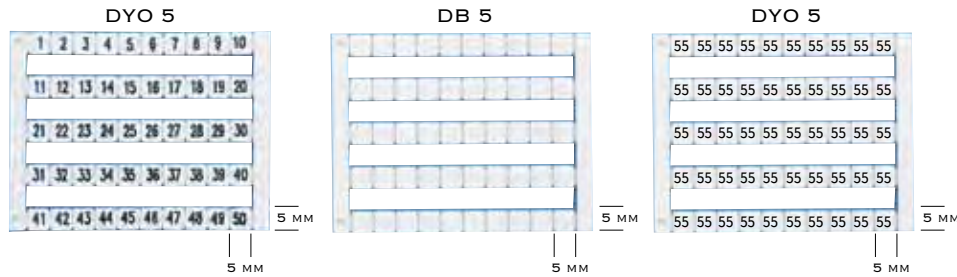


ELECTRICAL RATINGS											
CROSS-SEC.	4 MM ²			10 MM ²			35 MM ²				
INSULATION STRIPPING LENGTH	16 MM			19 MM			19 MM				
FIXING SCREW	M 3			M 4			M 6				
BUSBAR DIMENSIONS	10 x 3			10 x 3			10 x 3				
ISOLATION CAP	YELLOW - GREEN			YELLOW - GREEN			YELLOW - GREEN				
TORQUE	0.5 NM			1.2 NM			2.8 NM				
ORDERING DATA	TYPE	CAT. NO.	QTY.	TYPE	CAT. NO.	QTY.	TYPE	CAT. NO.	QTY.		
	IBK 4	525 381	100	IBK 10	525 382	100	IBK 35	525 383	50		
CONNECTION DATA											
SOLID STRAND	0.5 ... 6 MM ²			1.5 ... 10 MM ²			16 ... 50 MM ²				
FINE STRAND,	0.5 ... 4 MM ²			2.5 ... 10 MM ²			16 ... 35 MM ²				
AWG CONDUCTOR	20 ... 10			14 ... 6			4 ... 1				
DIMENSIONS											
	A	14.1			19.9			8.8			
	B	18.8			18.8			31.7			
	C	6.4			8.5			14.1			



FEED-THROUGH TERMINAL ACCESSORIES

MARKING TAGS WITH STANDARD PRINT

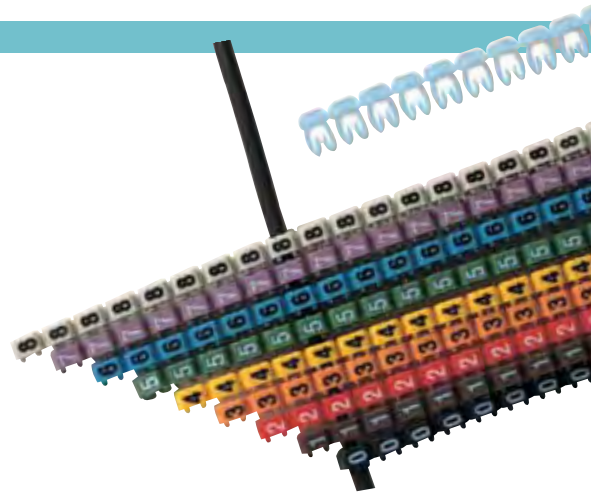


CAT. NO.	TYPE	DESCRIPTION	CAT. NO.	TYPE	DESCRIPTION	CAT. NO.	TYPE	DESCRIPTION
505 000	DY 5	0	505 050	DY 5	501-550	505 077	DY 5	R
505 001	DY 5	1	505 051	DY 5	551-600	505 078	DY 5	S
505 002	DY 5	2	505 052	DY 5	601-650	505 079	DY 5	T
505 003	DY 5	3	505 053	DY 5	651-700	505 080	DY 5	U
505 004	DY 5	4	505 054	DY 5	701-750	505 081	DY 5	V
505 005	DY 5	5	505 055	DY 5	751-800	505 082	DY 5	W
505 006	DY 5	6	505 056	DY 5	801-850	505 083	DY 5	X
505 007	DY 5	7	505 057	DY 5	851-900	505 084	DY 5	Y
505 008	DY 5	8	505 058	DY 5	901-950	505 085	DY 5	Z
505 009	DY 5	9	505 059	DY 5	951-999	505 090	DY 5	L1
505 010	DY 5	10	505 060	DY 5	A	505 091	DY 5	L2
505 020	DY 5	1-10	505 061	DY 5	B	505 092	DY 5	L3
505 021	DY 5	11-20	505 062	DY 5	C	505 093	DY 5	R S T N
505 022	DY 5	21-30	505 063	DY 5	D	505 094	DY 5	MP
505 023	DY 5	31-40	505 064	DY 5	E	505 095	DY 5	+
505 024	DY 5	41-50	505 065	DY 5	F	505 096	DY 5	-
505 030	DY 5	10, 20, 30,.....100	505 066	DY 5	G	505 097	DY 5	≠
505 040	DY 5	1-50	505 067	DY 5	H	505 098	DY5	PE
505 041	DY 5	51-100	505 068	DY 5	I	505 201	DY 10/6.5	1-10
505 042	DY 5	101-150	505 069	DY 5	J	505 202	DY 10/6.5	11-20
505 043	DY 5	151-200	505 070	DY 5	K	505 203	DY 10/6.5	21-30
505 044	DY 5	201-250	505 071	DY 5	L	505 204	DY 10/6.5	31-40
505 045	DY 5	251-300	505 072	DY 5	M	505 205	DY 10/6.5	41-50
505 046	DY 5	301-350	505 073	DY 5	N	505 206	DY 10/6.5	51-60
505 047	DY 5	351-400	505 074	DY 5	O	505 207	DY 10/6.5	61-70
505 048	DY 5	401-450	505 075	DY 5	P	505 208	DY 10/6.5	71-80
505 049	DY 5	451-500	505 076	DY 5	Q	505 209	DY 10/6.5	81-90
						505 210	DY 10/6.5	91-100

FEED-THROUGH TERMINAL ACCESSORIES

STANDARD KEB MARKING TAGS

TYPE	FOR CONDUCTORS MM2	QUANTITY
KG 1	0.75 - 4	100
KG 2	4 - 16	50
KE 1	0.75 - 1.5	500
KE 2	1.5 - 2.5	500
KE 3	4 - 6	500

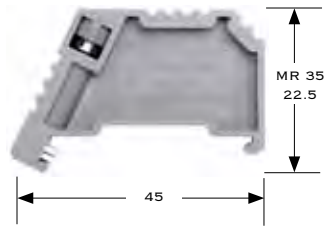


CLOSED TYPE					OPEN TYPE					
CHARACTER NUMBERS	KG 1	KG 2	PACKAGING	COLOR	CHARACTER NUMBERS	KE 1	KE 2	KE 3	PACKAGING	COLOR
0	515 000	516 000	1000/500	YELLOW	0	517 000	518 000	519 000	500	BLACK
1	515 001	516 001	1000/500	YELLOW	1	517 001	518 001	519 001	500	BROWN
2	515 002	516 002	1000/500	YELLOW	2	517 002	518 002	519 002	500	RED
3	515 003	516 003	1000/500	YELLOW	3	517 003	518 003	519 003	500	ORANGE
4	515 004	516 004	1000/500	YELLOW	4	517 004	518 004	519 004	500	YELLOW
5	515 005	516 005	1000/500	YELLOW	5	517 005	518 005	519 005	500	GREEN
6	515 006	516 006	1000/500	YELLOW	6	517 006	518 006	519 006	500	BLUE
7	515 007	516 007	1000/500	YELLOW	7	517 007	518 007	519 007	500	MOR
8	515 008	516 008	1000/500	YELLOW	8	517 008	518 008	519 008	500	GREY
9	515 009	516 009	1000/500	YELLOW	9	517 009	518 009	519 009	500	WHITE
LETTERS					LETTERS					
A	515 010	516 010	1000/500	YELLOW	A	517 010	518 010	519 010	200	YELLOW
B	515 011	516 011	1000/500	YELLOW	B	517 011	518 011	519 011	200	YELLOW
C	515 012	516 012	1000/500	YELLOW	C	517 012	518 012	519 012	200	YELLOW
D	515 013	516 013	1000/500	YELLOW	D	517 013	518 013	519 013	200	YELLOW
E	515 014	516 014	1000/500	YELLOW	E	517 014	518 014	519 014	200	YELLOW
F	515 015	516 015	1000/500	YELLOW	F	517 015	518 015	519 015	200	YELLOW
G	515 016	516 016	1000/500	YELLOW	G	517 016	518 016	519 016	200	YELLOW
H	515 017	516 017	1000/500	YELLOW	H	517 017	518 017	519 017	200	YELLOW
I	515 018	516 018	1000/500	YELLOW	I	517 018	518 018	519 018	200	YELLOW
J	515 019	516 019	1000/500	YELLOW	J	517 019	518 019	519 019	200	YELLOW
K	515 020	516 020	1000/500	YELLOW	K	517 020	518 020	519 020	200	YELLOW
L	515 021	516 021	1000/500	YELLOW	L	517 021	518 021	519 021	200	YELLOW
M	515 022	516 022	1000/500	YELLOW	M	517 022	518 022	519 022	200	YELLOW
N	515 023	516 023	1000/500	YELLOW	N	517 023	518 023	519 023	200	YELLOW
O	515 024	516 024	1000/500	YELLOW	O	517 024	518 024	519 024	200	YELLOW
P	515 025	516 025	1000/500	YELLOW	P	517 025	518 025	519 025	200	YELLOW
Q	515 026	516 026	1000/500	YELLOW	Q	517 026	518 026	519 026	200	YELLOW
R	515 027	516 027	1000/500	YELLOW	R	517 027	518 027	519 027	200	YELLOW
S	515 028	516 028	1000/500	YELLOW	S	517 028	518 028	519 028	200	YELLOW
T	515 029	516 029	1000/500	YELLOW	T	517 029	518 029	519 029	200	YELLOW
U	515 030	516 030	1000/500	YELLOW	U	517 030	518 030	519 030	200	YELLOW
V	515 031	516 031	1000/500	YELLOW	V	517 031	518 031	519 031	200	YELLOW
W	515 032	516 032	1000/500	YELLOW	W	517 032	518 032	519 032	200	YELLOW
X	515 033	516 033	1000/500	YELLOW	X	517 033	518 033	519 033	200	YELLOW
Y	515 034	516 034	1000/500	YELLOW	Y	517 034	518 034	519 034	200	YELLOW
Z	515 035	516 035	1000/500	YELLOW	Z	517 035	518 035	519 035	200	YELLOW
SIGNS					SIGNS					
MP	515 040	516 040	1000/500	BLUE	MP	517 040	518 040	519 040	200	YELLOW
S	515 041	516 041	1000/500	GREEN	S	517 041	518 041	519 041	200	YELLOW
T	515 042	516 042	1000/500	RED	T	517 012	518 042	519 042	200	YELLOW
+	515 043	516 043	1000/500	RED	+	517 043	518 043	519 043	200	YELLOW
-	515 044	516 044	1000/500	BLUE	-	517 044	518 044	519 044	200	YELLOW
⊥	515 045	516 045	1000/500	YELLOW	⊥	517 045	518 045	519 045	200	YELLOW
(	515 046	516 046	1000/500	YELLOW	(	517 046	518 046	519 046	200	YELLOW
.	515 047	516 047	1000/500	YELLOW	.	517 047	518 047	519 047	200	YELLOW
/	515 048	516 048	1000/500	YELLOW	/	517 048	518 048	519 048	200	YELLOW



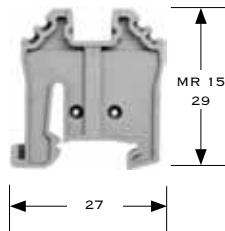
END BRACKETS

KD 3

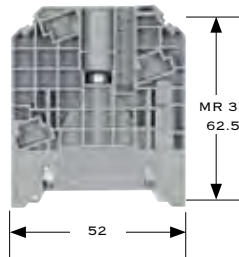


CAT. NO.	495 049 - GREY 495 040 - BEIGE
	SCREW-TYPE END BRACKET MOUNTED ON MR 35 TYPE OF DIN-RAIL. CAN BE USED TOGETHER WITH SCREW CONNECTION FEED-THROUGH ONE LEVEL TERMINALS.
QTY.	100

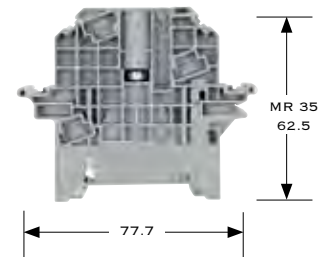
KD 5



KD 6



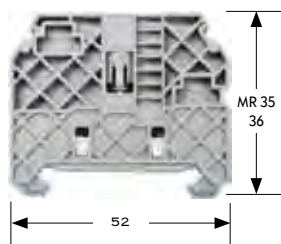
KD 6 A



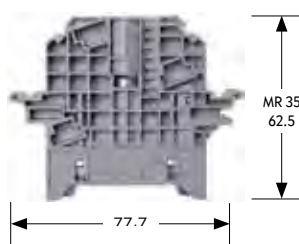
CAT. NO.	495 069 - GREY 495 060 - BEIGE	495 099 - GREY 495 090 - BEIGE	495 109 - GREY 495 100 - BEIGE
	WITHOUT SCREW END BRACKET MOUNTED ON MR 15 TYPE OF DIN-RAIL. CAN BE USED TOGETHER WITH MINI SCREW CONNECTION AND MINI SPRING CLAMP FEED-THROUGH TERMINALS.	SCREW-TYPE END BRACKET MOUNTED ON MR 35 TYPE OF DIN-RAIL. CAN BE USED TOGETHER WITH FEED-THROUGH TERMINALS FOR BIG CROSS-SECTIONS.	SCREW-TYPE END BRACKET MOUNTED ON MR 35 TYPE OF DIN-RAIL. CAN BE USED TOGETHER WITH FEED-THROUGH TERMINALS FOR BIG CROSS-SECTIONS.
QTY.	100	50	50

END BRACKETS

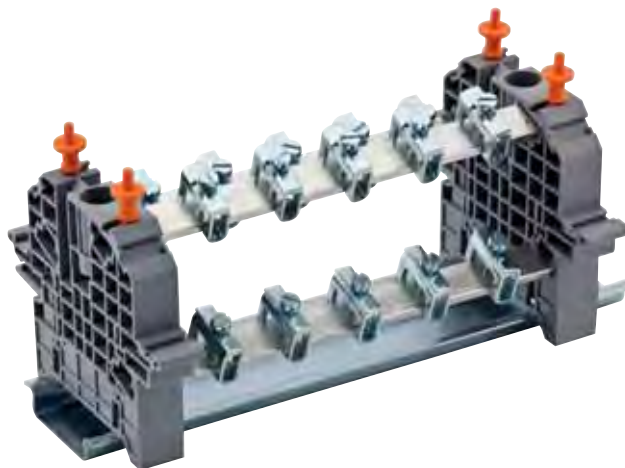
KD 7



KD 6T



CAT. NO.	495 219 - GREY 495 210 - BEIGE	495 209 - GREY 495 200 - BEIGE
	SCREW TYPE END BRACKET MOUNTED ON MR 35 TYPE OF DIN-RAIL. CAN BE USED TOGETHER WITH FEED-THROUGH TERMINALS FOR SMALL AND MIDDLE CROSS-SECTIONS.	SCREW TYPE END BRACKET MOUNTED ON MR 35 TYPE OF DIN-RAIL. CAN BE USED TOGETHER WITH FEED-THROUGH TERMINALS FOR HIGH CROSS-SECTIONS. PROVIDES DISTRIBUTION BLOCK WITH 10X3 BUSBAR.
QTY.	50	50



MODULAR GROUP MARKERS

ME 1 - 1



ME 1 - 2



ME 2 - 2



ME 3



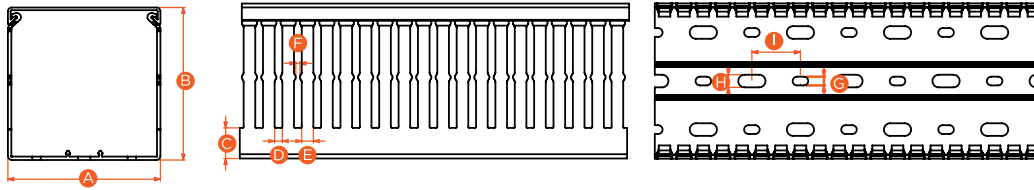
CAT. NO.	496 12A - TRANSPARENT	496 13A - TRANSPARENT	496 14A - TRANSPARENT	496 300 - TRANSPARENT
	508 530 SIFX 0615Y (6 x 15 MM)	508 519 SIT FP 1020Y (10 x 20 MM)	508 519 SIT FP 1020Y (10 x 20 MM)	508 520 SIT FP 4407 (7 x 44 MM)
QTY.	25	25	25	50



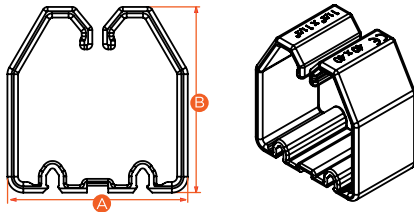
WIRE DUCT TECHNICAL SPECIFICATIONS



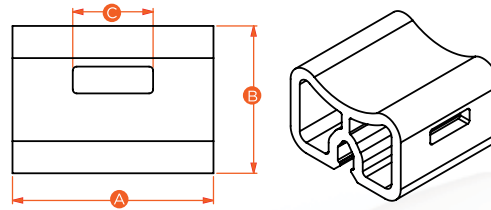
Wiring Ducts



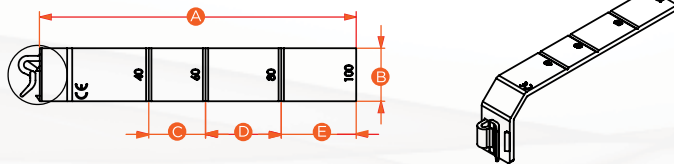
Wire Retainer



Cable Clamp



Cable Holder



Klemsan
Trunkie

CAT. NO.	PRODUCT	DESCRIPTION	DIMENSIONS (MM)								
			A	B	C	D	E	F	G	H	I
551 010	KKC 2530	WIRING DUCT	25	30	11.4	4	6	2.1	4.5	6.5	25
551 011	KKC 2540	WIRING DUCT	25	40	12.4	4	6	2.1	4.5	6.5	25
551 012	KKC 2560	WIRING DUCT	25	60	13.6	4	6	2.1	4.5	6.5	25
551 013	KKC 4040	WIRING DUCT	40	40	12.4	4	6	2.1	4.5	6.5	25
551 014	KKC 4060	WIRING DUCT	40	60	13.6	4	6	2.1	4.5	6.5	25
551 015	KKC 4080	WIRING DUCT	40	80	15.8	4	6	2.1	4.5	6.5	25
551 016	KKC 6040	WIRING DUCT	60	40	12.6	4	6	2.1	4.5	6.5	25
551 017	KKC 6060	WIRING DUCT	60	60	13.8	4	6	2.1	4.5	6.5	25
551 018	KKC 6080	WIRING DUCT	60	80	15.8	4	6	2.1	4.5	6.5	25
551 019	KKC 8060	WIRING DUCT	80	60	13.8	4	6	2.1	4.5	6.5	25
551 020	KKC 8080	WIRING DUCT	80	80	15.8	4	6	2.1	4.5	6.5	25
551 021	KKC 1006	WIRING DUCT	100	60	16	4	6	2.1	4.5	6.5	25
551 022	KKC 1008	WIRING DUCT	100	80	16	4	6	2.1	4.5	6.5	25
551 023	KKC 1206	WIRING DUCT	120	60	16.3	4	6	2.1	4.5	6.5	25
551 024	KKC 1208	WIRING DUCT	120	80	16.3	4	6	2.1	4.5	6.5	25
553 315	KKT 25	WIRING RETAINER	34	35							
553 325	KKT 40	WIRING RETAINER	34	53							
553 335	KKT 60	WIRING RETAINER	53	75							
553 405	KKB	CABLE CLAMP	15	11	6						
553 415	KKM	CABLE HOLDER	83.6	14	15	20	19.8				

SLOTTED WIRING DUCTS

Klemsan
Trunkie



CAT. NO.	PRODUCT	DESCRIPTION	PACK. QTY.
551 010	KKC 2530	25 x 30 (1 x 1) SLOTTED WIRING DUCT	50 x 2 M
551 011	KKC 2540	25 x 40 (1 x 1½) SLOTTED WIRING DUCT	50 x 2 M
551 012	KKC 2560	25 x 60 (1 x 2¼) SLOTTED WIRING DUCT	30 x 2 M
551 013	KKC 4040	40 x 40 (1½ x 1½) SLOTTED WIRING DUCT	26 x 2 M
551 014	KKC 4060	40 x 60 (1½ x 2¼) SLOTTED WIRING DUCT	18 x 2 M
551 015	KKC 4080	40 x 80 (1½ x 3) SLOTTED WIRING DUCT	20 x 2 M
551 016	KKC 6040	60 x 40 (2¼ x 1) SLOTTED WIRING DUCT	18 x 2 M
551 017	KKC 6060	60 x 60 (2¼ x 2¼) SLOTTED WIRING DUCT	12 x 2 M
551 018	KKC 6080	60 x 80 (2¼ x 3) SLOTTED WIRING DUCT	12 x 2 M
551 019	KKC 8060	80 x 60 (3 x 2¼) SLOTTED WIRING DUCT	14 x 2 M
551 020	KKC 8080	80 x 80 (3 x 3) SLOTTED WIRING DUCT	12 x 2 M
551 021	KKC 1006	100 x 60 (4 x 2¼) SLOTTED WIRING DUCT	10 x 2 M
551 022	KKC 1008	100 x 80 (4 x 3) SLOTTED WIRING DUCT	8 x 2 M
551 023	KKC 1206	120 x 60 (4½ x 2¼) SLOTTED WIRING DUCT	8 x 2 M
551 024	KKC 1208	120 x 80 (4½ x 3) SLOTTED WIRING DUCT	6 x 2 M

WIRING DUCT COVER



CAT. NO.	PRODUCT	DESCRIPTION	PACK. QTY.
551 050	KKK 25	25 MM WIRING DUCT COVER	10 x 2 M
551 051	KKK 40	40 MM WIRING DUCT COVER	10 x 2 M
551 052	KKK 60	60 MM WIRING DUCT COVER	10 x 2 M
551 053	KKK 80	80 MM WIRING DUCT COVER	10 x 2 M
551 054	KKK 100	100 MM WIRING DUCT COVER	10 x 2 M
551 055	KKK 120	120 MM WIRING DUCT COVER	10 x 2 M

WIRING DUCT ACCESSORIES



CAT. NO.	PRODUCT	DESCRIPTION	PACK. QTY.
553 315	KKT 25	WIRING RETAINER	10
553 325	KKT 40	WIRING RETAINER	10
553 335	KKT 60	WIRING RETAINER	10
553 405	KKB	CABLE CLAMP	10
553 415	KKM	CABLE HOLDER	10

WIRING DUCT CUTTER



DC-125

- QUICK & EASY CUTTING
- BURR-FREE CUT EDGES
- NO NOISE, NO CHIPS
- DUCTS CUT PRECISELY TO THE MILLIMETER
- BLADE GUARD GUARANTEES SECURE OPERATION



TEST PLUGS AND SOCKETS



CAT. NO.	PRODUCT	TERMINALS USED
493 020	TF (Q2)	AVK 2.5; PIK 2.5 N; PIK 2.5 NK; PIK 2.5 ND; PIK 2.5 NLD; PIK 4N; PIK 4 NK; PIK 4 ND; PIK 4 NLD
493 023	TF (2.3)	AVK 2.5; AVK 4; AVK 6 ; AVK 10;PIK 2.5 N; PIK 4 NK; OIK 2.5 ND; PIK 2.5 NLD; PIK 4N; PIK 4 NK; PIK 4 ND; PIK 4 NLD
490 010	TSK 1 (Q2)	AVK 2.5; PIK 2.5 N; PIK 2.5 NK; PIK 2.5 ND; PIK 2.5 NLD; PIK 4N; PIK 4 NK; PIK 4 ND; PIK 4 NLD
490 030	TSK 3 (Q2.3)	AVK 2.5; PIK 2.5 N; PIK 2.5 NK; PIK 2.5 ND; PIK 2.5 NLD; PIK 4 N; PIK 4 NK; PIK 4 ND; PIK 4 NLD; PUK 3; PUK 2T; PUK 3T; PUK 3 S; PUK 3 SLD (NPN); PUK 3 SLD (PNP)
493 040	TF (Q4)	AVK 4; AVK 6; AVK 10; AVK 16; AVK 16 RD; AVK 35 RD; AVK 35 IRD; WGO 1; WGO 2N; WGO 2 IR; WGO 3; WGL 1; AVK 4C
490 040	TSK 4 (Q2.3)	AVK 4; AVK 6; AVK 10; AVK 4 C
490 070	TSK 7 (Q4)	AVK 4; AVK 6; AVK 10; AVK 4 C
492 010	ITK 28 (Q4)	AVK 4; AVK 6; AVK 10; AVK 4 C
490 080	TSK 8 (Q4)	AVK 16
492 020	ITK 32 (Q4)	AVK 16
490 090	TSK 9 (Q4)	AVK 16 RD; AVK 35 RD; AVK 35 IRD
490 100	TSK 10	WGO 1; WGO 3; WGL 1
492 030	ITK 35	WGO 2N
490 060	TSK 6	WGO 2N

INTERFACE RELAY MODULES

NEW INTERFACE RELAY SAVES SPACE ON THE DIN RAIL

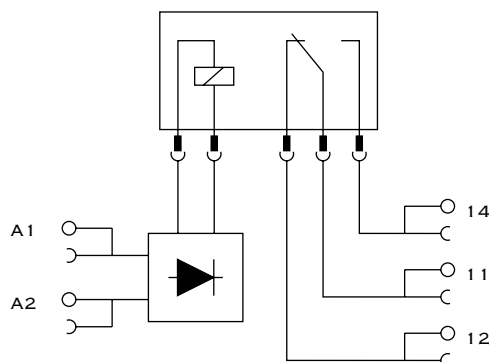
NOW DESIGN ENGINEERS HAVE A BETTER, SLIMMER WAY TO CONTROL SYSTEMS IN MACHINERY AND PROCESSES. OUR NEW INTERFACE RELAYS COME IN 115VAC/DC OR 24 VAC/DC IN A SLIM 6MM, DIN RAIL MOUNTABLE PACKAGE. THERE ARE TWO SETS OF CONTACTS, 1 NO AND 1 NC THAT CAN EACH CARRY 6A.



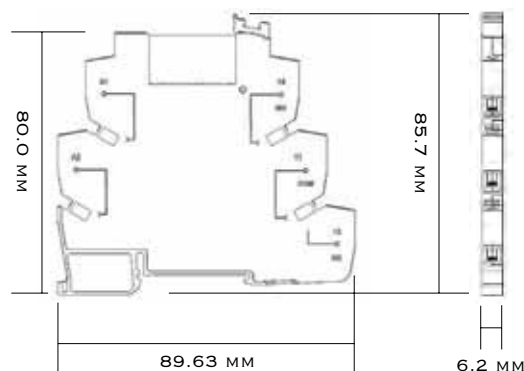
TYPE	INPUT TYPE	ORDER No
KPR-SCE-24VAC/DC-1C	24V AC/DC	270 810
KPR-SCE-115VAC/DC-1C	115V AC/DC	270 840
KPR-SCE-230VAC/DC-1C	230V AC/DC	270 850

CONTACT TYPE	1 CO
CONTACT MATERIAL	AGSNO2
CONTACT RATING (COSΦ=1)	6A 250VAC / 30VDC
MAX. SWITCHING VOLTAGE	400VAC / 125VDC
MAX. SWITCHING CURRENT	6A
MAX. SWITCHING POWER	1500VA / 180W
MECHANICAL LIFE	1 x 10 ⁷ OPERATIONS
ELECTRICAL LIFE (UL APPROVAL)	(NO) 3 x 10 ⁴ OPERATIONS (85°C) (NC) 1 x 10 ⁴ OPERATIONS (85°C)
ISOLATION RESISTANCE	1000MΩ (500VDC)
DIELECTRIC STRENGTH	
BETWEEN RELAY COIL AND CONTACTS	4000VAC 1 MINUTE
BETWEEN RELAY CONTACTS	1000VAC 1 MINUTE
RESPONSE TIME (AT NOMINAL VOLTAGE)	10MSN MAX
RELEASE TIME (AT NOMINAL VOLTAGE)	5MSN MAX
HUMIDITY	%5 .. %85 (NON-CONDENSING)
OPERATING TEMPERATURE	-40°C .. +85°C
INPUT VOLTAGE (UN)	24V, 115V, 230V (AC/DC)
RESPONSE VOLTAGE	%80 x UN
RELEASE VOLTAGE	%20 x UN
RELAY TYPE (COIL)	
24V (AC/DC)	24VDC, 170mW
115V, 230V (AC/DC)	60VDC, 210mW
RELAY INDICATOR	GREEN LED
CONNECTION TYPE	SCREW TERMINALS
MAX. CABLE CROSS-SECTION	2.5MM ²
MAX. TORQUE	0.4NM
MOUNTING TYPE	RAIL MOUNTED
MOUNTING RAIL	MR 35 x 7.5 / MR 35 x 15
PACKAGING UNIT	10 PCS

BLOCK DIAGRAM



DIMENSIONS





JUNCTION BOXES WITH FEED THROUGH TERMINALS



SAVE TIME

- EASY, TOP ENTRY, SCREWLESS WIRING (INSERT SCREWDRIVER, OPENS CLAMP – INSERT WIRE, REMOVE SCREWDRIVER FOR SECURE CONNECTION)
- CAPTIVE HALF TURN, SPRING LOADED, COVER SCREWS FOR FAST AND EASY ACCESS
- IP 65, NEMA 4X RATED, POLYCARBONATE (-40°C - 80°C) INDOOR / OUTDOOR ENCLOSURE WITH GASKET
- INCLUDED: 2 SETS OF M20 CABLE GRIPS (IP68) AND LOCKNUTS TO SEAL ENCLOSURE (3.5MM-8MM CABLE DIAMETER)
- OPTIONAL: NON-INSULATED SCREWDRIVER (USED TO OPEN TERMINAL SPRING CLAMPS)

ITEM #	ITEM NAME	TERMINAL	CURRENT	VOLTAGE
JB-FT5	JUNCTION BOX, 5 FEED-THROUGH TERMINALS	5 FEED-THROUGH	35 A	600 V
JB-FT10	JUNCTION BOX, 10 FEED-THROUGH TERMINALS	10 FEED-THROUGH	35 A	600 V
JB-FT15	JUNCTION BOX, 15 FEED-THROUGH TERMINALS	15 FEED-THROUGH	35 A	600 V
JB-FT20	JUNCTION BOX, 20 FEED-THROUGH TERMINALS	20 FEED-THROUGH	26 A	600 V
M20KIT	2, M20, GREY CABLE GRIPS WITH LOCKNUTS	N/A	N/A	N/A
W900834	NON-INSULATED SCREWDRIVER	N/A	N/A	N/A

THERMOCOUPLE TERMINAL BLOCKS



- BUILT IN MINIATURE FEMALE THERMOCOUPLE CONNECTOR FOR MONITORING, TROUBLESHOOTING AND AUDIT FEATURE
- SCREW TYPE TERMINAL FOR SECURE AND MAINTENANCE FREE CONNECTIONS
- TYPE K AND J CALIBRATIONS
- FULLY ENCLOSED—NO END PLATES REQUIRED
- DIN RAIL MOUNTABLE (32 MM OR 35 MM)—NARROW 10.7 MM WIDTH
- IDENTIFIED WITH CALIBRATION AND “+” , “-” CONNECTIONS
- WRITE-ON TERMINAL MARKERS



ITEM #	WIDTH	LENGTH	WIRE SIZE	INSULATION STRIPPING LENGTH	TORQUE	TEMPERATURE RANGE
TCB-J	10.7 MM	51 MM	12 AWG	8 MM	0.6 TO 0.8 N·M	-40 TO 85 °C
TCB-K	10.7 MM	51 MM	12 AWG	8 MM	0.6 TO 0.8 N·M	-40 TO 85 °C
TCABLE-J	N/A	60 IN	N/A	N/A	N/A	N/A
TCABLE-K	N/A	60 IN	N/A	N/A	N/A	N/A
TCONN-J	N/A	N/A	N/A	N/A	N/A	N/A
TCONN-K	N/A	N/A	N/A	N/A	N/A	N/A



CE MARKING

THE LETTERS CE STAND FOR CONFORMITÉ EUROPÉENNE, MEANING "EUROPEAN CONFORMITY". CE SIGN CONFIRMS THAT A PRODUCT MEETS THE DEMANDS OF ALL RELEVANT GUIDELINES AND REGULATIONS OF THE EUROPEAN UNION (EU), AND DECLARES A PRODUCT IS APPROPRIATE FOR HUMAN SECURITY AND HEALTH. THE PRODUCTS OF KLEMSAN ARE SUBJECT TO BELOW DIRECTIVES:

1- LOW VOLTAGE DIRECTIVE (LVD) - 73/23 EEC

THIS DIRECTIVE INCLUDES ELECTRICAL DEVICES WHICH FUNCTION IN THE RANGE OF 50-1000 V (ALTERNATIVE CURRENT) AND 75-1500 V (DIRECT CURRENT).

2- EQUIPMENT FOR USE IN POTENTIALLY EXPLOSIVE ATMOSPHERES (ATEX) - 94/9 EEC. ATEX IS THE NAME COMMONLY GIVEN TO THE FRAMEWORK FOR CONTROLLING EXPLOSIVE ATMOSPHERES AND THE STANDARDS OF EQUIPMENT AND PROTECTIVE SYSTEMS USED IN THEM.

RoHS

THE ROHS DIRECTIVE STANDS FOR "RESTRICTION OF THE USE OF CERTAIN HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT". THIS DIRECTIVE BANS THE PLACING ON THE EU MARKET OF NEW ELECTRICAL AND ELECTRONIC EQUIPMENT CONTAINING MORE THAN AGREED LEVELS OF LEAD, CADMIUM, MERCURY, HEXAVALENT CHROMIUM, POLYBROMINATED BIPHENYL (PBB) AND POLYBROMINATED DIPHENYL ETHER (PBDE) FLAME RETARDANTS. THE PERMITTED RATIOS ARE BELOW:

CD	CADMIUM - %0.01 PPM
Hg	MERCURY - %0.1 PPM
Cr(VI)	HEXAVALENT CHROMIUM (COATING) - %0.1 PPM
PBB	POLYBROMINATED BIPHENYL (FLAME RETARDANT) - %0.1 PPM
PBDE	POLYBROMINATED DIPHENYL ETHER (FLAME RETARDANT) - %0.1 PPM
Pb	LEAD - %0.1 PPM
PPM: PARTS PER MILLION (IN TOTAL WEIGHT)	

KLEMSAN HAS DEVELOPED SOME PROCESSES AND COMPONENTS IN ACCORDANCE WITH ROHS DIRECTIVES IN 2006, AND HAD ITS PRODUCTS TESTED IN THE APPROVED LABORATORIES, AND ACHIEVED ROHS CONFORMITY APPROVALS.

REACH DIRECTIVE

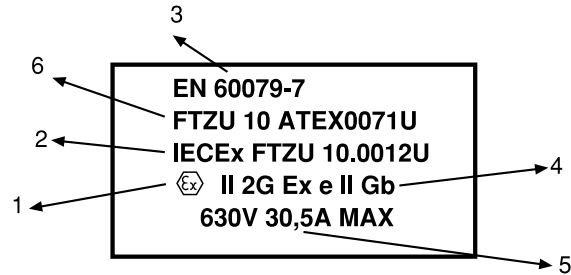
AS THE NAME IMPLIES, THE 2006/1907/EC REACH (REGISTRATION, EVALUATION, AUTHORIZATION AND RESTRICTION OF CHEMICALS) DIRECTIVE, ADOPTED BY THE EUROPEAN UNION ON 1 JUNE 2007, OBLIGES COMPANIES THAT PRODUCE, IMPORT, OR USE CHEMICAL SUBSTANCES TO REGISTER THESE SUBSTANCES AND THEIR USES AND DETERMINE ANY RELATED DANGERS AND RISKS IF REQUIRED.



POLLUTION SEVERITIES

POLLUTION SEVEATEX DIRECTIVES REGULATING THE "94/9/EC" - USE OF EQUIPMENT IN POTENTIALLY EXPLOSIVE ATMOSPHERES WAS PUT INTO FORCE ON DECEMBER 1ST 2003 BY THE EUROPEAN UNION. BY THIS DIRECTIVE, RATED VALUES FOR NORMAL OPERATING CONDITIONS HAVE BEEN REVISED FOR POTENTIALLY EXPLOSIVE AREAS.

BELOW FIGURE ILLUSTRATES AND VERBALIZES THE MEANING OF THE LABELS ATEX CERTIFICATED PRODUCTS:



- 1 EXPLOSION PROTECTION SYMBOL
- 2 INTERNATIONAL EXPLOSIVE PROTECTION ON CERTIFICATE NUMBER
- 3 STANDARD REFERENCE NUMBER
- 4 A: EQUIPMENT GROUP II
B: PRODUCT CATEGORY 2 - FOR USAGE IN ZONE 1 AND/ OR 2
C: APPROVAL FOR APPLICATIONS IN GAS (G) ENVIRONMENT
D: "E" CLASS FOR HAVING INCREASED SAFETY CATEGORY
- 5 RATED VOLTAGE AND CURRENT VALUES
- 6 NOTIFIED BODY NAME



EQUIPMENT GROUP

- 1- MINES
- 2- OTHER INDUSTRY BRANCHES

CLASSIFICATION OF POTENTIALLY EXPLOSIVE AREAS

ZONE 0: PLACES WHERE THE POTENTIAL FOR EXPLOSION IS HIGH AND DURATION IS LONG UNDER NORMAL OPERATING CONDITIONS

ZONE 1: PLACES WHERE THE POTENTIAL FOR EXPLOSION IS LOW AND DURATION IS SHORT UNDER NORMAL OPERATING CONDITIONS

ZONE 2: PLACES WHERE THERE IS NO POTENTIAL FOR EXPLOSION UNDER NORMAL OPERATING CONDITIONS OR LOW POTENTIAL FOR EXPLOSION WITH SHORT DURATION UNDER DEFECT, REPAIR AND MAINTENANCE SITUATIONS.

"E" CLASS INCREASED SAFETY

THIS IS AN APPLICATION WHERE THE PRECAUTIONS ARE TAKEN ALTHOUGH THERE IS NO ARC OCCURRING UNDER NORMAL OPERATING CONDITIONS. SECURITY OF THE DEVICE IS INCREASED ONE STEP FURTHER. THIS APPLICATION IS USED IN ENVIRONMENTS WITH NO DANGER OF HIGH TEMPERATURE UNDER NORMAL OPERATIONS E.G. IN TERMINAL BLOCK BOXES, CABLE CONNECTIONS. SUCH PRODUCTS DO NOT NEED TO BE PRESSURE RESISTANT; IT IS SUFFICIENT TO GET THEIR IP DEGREE UP TO A LEVEL THAT ASSURES WATER AND HUMIDITY RESISTANCE.

IMPORTANT NOTICE

- KLEMSAN INC. RESERVES THE RIGHTS FOR ANY CHANGES IN THIS CATALOGUE.
- FOR THE PRODUCTS THAT ARE NOT INCLUDED IN OUR CATALOGUE PLEASE CONTACT OUR DEPARTMENT OF TRADE.
- FIGURES AND TECHNICAL SPECS IN THIS CATALOGUE ARE ONLY FOR GENERAL PURPOSE.
- OUR PRODUCTS ARE ASSEMBLED TO BE IN ACCORDANCE WITH EC TECHNICAL REGULATIONS AND CORRESPOND TO THE NATIONAL AND INTERNATIONAL STANDARDS. ALL OUR PRODUCTS ARE FABRICATED IN OUR ISO 9001 AND ISO 14001 CERTIFIED MANUFACTURING PLANTS.
- FOR FURTHER INFORMATION ON THE CERTIFICATES:
TEL : 0 (212) 222 52 00
FAX: 0 (212) 222 66 55

ISO 9001 - ISO 14001





WIRE FERRULES

WIRE FERRULES ARE USED TO TERMINATE STRANDED WIRES AND ARE MAINLY USED WITH EUROPEAN-STYLE TERMINAL BLOCKS AND OTHER IEC CONTROL COMPONENTS. AMERICAN ELECTRICAL HAS THE WIDEST SELECTION IN NORTH AMERICA. OUR FERRULES ARE ALSO MADE FOR TWIN WIRE, ON REELS, IN STRIPS, FOR EXTRA LONG APPLICATIONS AND FOR WIRES WITH THICK INSULATION. WE COVER SIZES FROM 26 AWG TO 500MCM.

AEI IS THE ONLY COMPANY IN THE USA THAT STOCKS THREE SEPARATE COLOR CODES FOR INSULATED WIRE FERRULES – DIN, T AND W. THERE IS NO DIFFERENCE OTHER THAN COLOR FOR A GIVEN FERRULE OF THE SAME AWG SIZE. THE DIN (DEUTSCHE INDUSTRIE NORMEN – GERMAN) CODE IS THE MOST WIDELY USED AND ACCEPTED.

THE T CODE WAS A FRENCH CODE DESIGNED BY TELEMECANIQUE AND THE W CODE ANOTHER EUROPEAN CODE DEVELOPED BY WEIDMULLER. BOTH TELEMECANIQUE AND WEIDMULLER DO NOT MANUFACTURE WIRE FERRULES.

- INSULATED FERRULES
- INSULATED FERRULES FOR WIRES WITH THICK INSULATION
- FERRULES ON STRIPS
- FERRULES ON REELS
- TWIN WIRE FERRULES
- UNINSULATED FERRULES
- ASSORTMENT BOXES
- CROSS REFERENCE



TECHNICAL INFORMATION

APART FROM GIVING A HIGH QUALITY APPEARANCE, FERRULES ALSO ENSURE THE RELIABILITY OF THE CONNECTION AND INSTALLATION.

ADVANTAGES OF WIRE FERRULES:

- EASY INSERTION OF WIRE INTO TERMINAL
- PREVENTS FLARE OUT OF STRIPPED, STRANDED WIRE
- IMPROVES CONNECTION RELIABILITY

WIRE FERRULES WITH PLASTIC INSULATING COLLARS:

- SIMPLE IDENTIFICATION OF THE CIRCUIT AND VOLTAGE BASED ON THE COLOR OF THE INSULATED COLLAR
- ADDITIONAL INSULATION HELPS TO ISOLATE AND PROTECT AGAINST UNWANTED CONTACT WITH ELECTRICAL CIRCUITS
- INSULATED FERRULES ARE RATED AT 600VAC/DC

TECHNICAL DATA		WIRE FERRULE PULL OUT FORCES			
MATERIAL (H TYPE)	POLYPROPYLENE PP HOMO	MM ²	AWG	PULL OUT FORCE LBS (N)	FERRULE
MI (MELT INDEX)	12	0.25	24	3.372 (15)	0.25
FLEXURAL	1.550 MPA	0.5	22	6.74 (30)	0.5
MOLDULUS IZOD	25	0.75	20	6.74 (30)	0.75
THERMAL PROPERTIES	89°C	1	18	7.87 (35)	1
H.D.T. – 4.6 KG/CM ²	108°C	1.5	16	9 (40)	1.5
H.D.T. – 18.6 KG/CM ²	-20°C	2.5	14	11.24 (50)	2.5
CRYSTAL MELTING TEMP.	164 - 168°C	4	12	13.49 (60)	4
		6	10	17.98 (80)	6
		10	8	20.23 (90)	10
		16	6	22.48 (100)	16
		25	4	30.35 (135)	25
		35	2	42.71 (190)	35
		50	1	53.06 (236)	50
		70	1/0 & 2/0	64.07 (285)	70
		95	3/0	78.91 (351)	95
		120	4/0	96 (427)	120
		150	300MCM	96 (427)	150
		185	300MCM	113.08 (503)	185
		240	300MCM	129.94 (578)	240



WIRE FERRULES INSULATED

DIN 46228

PART 4

TOLERANCES

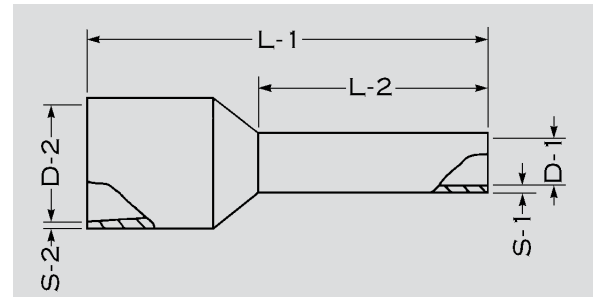
S1 ± .05MM

S2 ± .1MM

D1 ± .14MM

D2 ± .2MM

L1 ± 1.5MM



MATERIAL: COPPER / PLASTIC
SURFACE: TIN PLATED



SIZE MM ²	AWG	DIN PART NO.	COLOR CODE DIN	T PART NO.	COLOR CODE T	W PART NO.	COLOR CODE W	PIECES PER BAG	DIMENSIONS (MM)						REC. CRIMPING TOOL
									L-1	L-2	D-1	S-1	D-2	S-2	
0.14*	26-28	1161014	GREY	1163014	BROWN	1162014	GREY	500	10.5	6	0.8	0.25	2.0	0.25	TRAP24-10 OR SQ28-10
0.14*		1181014		1183014		1182014			12.5	8	0.8	0.25	2.0	0.25	
0.25*	24-26	11610025	YELLOW	11630025	VIOLET	11620025	BLUE	500	10.5	6	0.8	0.25	2.0	0.25	
0.25*		11810025		11830025		11820025			12.5	8	0.8	0.25	2.0	0.25	
0.34*	24-26	1161034	TURQUOISE	1163034	PINK	1162034	TURQUOISE	500	10.5	6	0.8	0.25	2.0	0.25	
0.34*		1181034		1183034		1182034			12.5	8	0.8	0.25	2.0	0.25	
0.50	20-24	1161050	WHITE	1163050	WHITE	1162050	ORANGE	500	11.5	6	1.1	0.15	2.5	0.25	
0.50		1181050		1183050		1182050			13.5	8	1.1	0.15	2.5	0.25	
0.50		11101050		11103050		11102050			15.5	10	1.1	0.15	2.5	0.25	
0.75	20-22	1161075	GREY	1163075	BLUE	1162075	WHITE	500	12.0	6	1.3	0.15	2.8	0.25	
0.75		1181075		1183075		1182075			14.0	8	1.3	0.15	2.8	0.25	
0.75		11101075		11103075		11102075			16.0	10	1.3	0.15	2.8	0.25	
0.75		11121075		11123075		11122075			18.0	12	1.3	0.15	2.8	0.25	
1.00	18	1161010	RED	1163010	RED	1162010	YELLOW	500	12.5	6	1.5	0.15	3.0	0.3	TRAP8-1 OR TRAP8-4
1.00		1181010		1183010		1182010			14.5	8	1.5	0.15	3.0	0.3	
1.00		11101010		11103010		11102010			16.5	10	1.5	0.15	3.0	0.3	
1.00		11121010		11123010		11122010			18.5	12	1.5	0.15	3.0	0.3	
1.50*	16	1161015	BLACK	1163015	BLACK	1162015	RED	500	12.5	6	1.8	0.15	3.4	0.3	
1.50		1181015		1183015		1182015			14.5	8	1.8	0.15	3.4	0.3	
1.50		11101015		11103015		11102015			16.5	10	1.8	0.15	3.4	0.3	
1.50		11121015		11123015		11122015			18.5	12	1.8	0.15	3.4	0.3	
1.50		11181015		11183015		11182015			24.5	18	1.8	0.15	3.4	0.3	
2.08*	14	1181208	YELLOW	1183208	YELLOW	1182208	YELLOW	500	14.5	8	2.05	0.15	3.6	0.3	
2.50	14	1181025	BLUE	1183025	GREY	1182025	BLUE	500	15.0	8	2.3	0.15	4.2	0.3	
2.50		11121025		11123025		11122025			19.0	12	2.3	0.15	4.2	0.3	
2.50		11181025		11183025		11182025			25.0	18	2.3	0.15	4.2	0.3	
4.00	12	11101040	GREY	11103040	ORANGE	11102040	GREY	500	17.5	10	2.9	0.2	4.8	0.3	TRAP8-1 OR TRAP8-4
4.00		11121040		11123040		11122040			20.0	12	2.9	0.2	4.8	0.3	
4.00		11181040		11183040		11182040		100	26.0	18	2.9	0.2	4.8	0.3	
6.00	10	11121060	YELLOW	11123060	GREEN	11122060	BLACK	100	20.0	12	3.6	0.2	6.2	0.3	
6.00		11181060		11183060		11182060			25.0	18	3.6	0.2	6.2	0.3	
10.00	8	11121100	RED	11123100	BROWN	11122100	IVORY	100	21.0	12	4.6	0.2	7.5	0.3	
10.00		11181100		11183100		11182100			27.0	18	4.6	0.2	7.5	0.3	
16.00	6	11121160	BLUE	11123160	WHITE	11122160	GREEN	100	23.0	12	6.0	0.2	8.8	0.4	
16.00		11181160		11183160		11182160			29.0	18	6.0	0.2	8.8	0.4	

* DOES NOT CONFORM TO DIN 46228 PART 4

SIZE MM ²	AWG	DIN PART NO.	COLOR CODE DIN	T PART NO.	COLOR CODE T	W PART NO.	COLOR CODE W	PIECES PER BAG	DIMENSIONS (MM)						REC. CRIMPING TOOL
									L-1	L-2	D-1	S-1	D-2	S-2	
25.00	4	11161250	YELLOW	11163250	BLACK	11162250	BROWN	50	29.0	16	7.5	0.2	11.0	0.5	TRAP8-1 OR TRAP8-4
25.00		11181250		11183250		11182250			31.0	18	7.5	0.2	11.0	0.5	
25.00		11221250		11223250		11222250			35.0	22	7.5	0.2	11.0	0.5	
35.00	2	11161350	RED	11163350	RED	11162350	BEIGE	50	30.0	16	8.5	0.2	12.5	0.5	TRAP8-1
35.00		11181350		11183350		11182350			32.0	18	8.5	0.2	12.5	0.5	
35.00		11251350		11253350		11252350			39.0	25	8.5	0.2	12.5	0.5	
50.00	1	11201500	BLUE	11203500	BLUE	11202500	OLIVE	50	36.0	20	10.5	0.35	15.0	0.6	
50.00		11251500		11253500		11252500			25	25	10.5	0.35	15.0	0.6	
70.00*	1/0	11201700	YELLOW	11203700	YELLOW	11202700	YELLOW	25	37.0	20	12.7	0.35	16.0	0.6	
70.00*	2/0	11271700		11273700		11272700			43.0	27	12.7	0.40	16.0	0.6	VICE70150
95.00*	3/0	11251950	RED	11253950	RED	11252950	RED	25	44.0	25	14.7	0.35	18.0	0.6	
120.00*	4/0	112711200	BLUE	112731200	BLUE	112721200	BLUE	25	48.0	27	16.7	0.45	21.0	0.7	
150.00*	300 MCM	113211500	YELLOW	113231500	YELLOW	113221500	YELLOW	25	58.0	32	18.7	0.5	23.0	1.0	

WIRE FERRULES INSULATED FOR THICK INSULATION

SIZE MM ²	AWG	DIN PART NO.	COLOR CODE DIN	T PART NO.	COLOR CODE T	W PART NO.	COLOR CODE W	PIECES PER BAG	DIMENSIONS (MM)					
									L-1	L-2	D-1	S-1	D-2	S-2
0.50	22	1050G	WHITE	3050G	WHITE	2050G	ORANGE	500	14.5	8	1.1	0.15	3.0	0.25
0.75	20	1075G	GREY	3075G	BLUE	2075G	WHITE	500	14.0	8	1.3	0.15	3.4	0.3
1.00	18	1100G	RED	3100G	RED	2100G	YELLOW	500	14.0	8	1.5	0.15	3.4	0.3
1.50	16	1150G	BLACK	3150G	BLACK	2150G	RED	500	14.0	8	1.8	0.15	3.8	0.3
16.00	6	1160G	WHITE	3160G	WHITE	2160G	GREEN	100	23.0	12	6.0	0.2	9.5	0.4

* DOES NOT CONFORM TO DIN 46228 PART 4

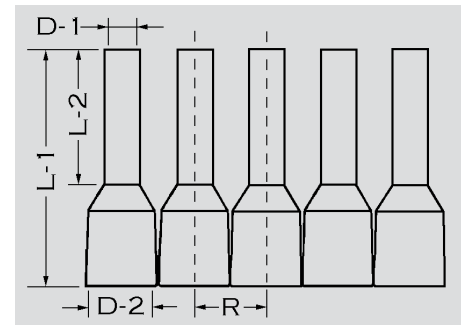




WIRE FERRULES ON STRIPS



SIZE MM ²	AWG	BARREL LENGTH (MM)	DIN PART NO.	COLOR CODE DIN	T PART NO.	COLOR CODE T	C PART NO.	COLOR CODE W	PIECES
0.50	22	8	101050	WHITE	103050	WHITE	102050	ORANGE	10 x 50
0.75	20	8	101075	GREY	103075	BLUE	102075	WHITE	10 x 50
1.00	18	8	101100	RED	103100	RED	102100	YELLOW	10 x 50
1.50	16	8	101150	BLACK	103150	BLACK	102150	RED	10 x 50
2.50	14	8	101250	BLUE	103250	GREY	102250	BLUE	10 x 50



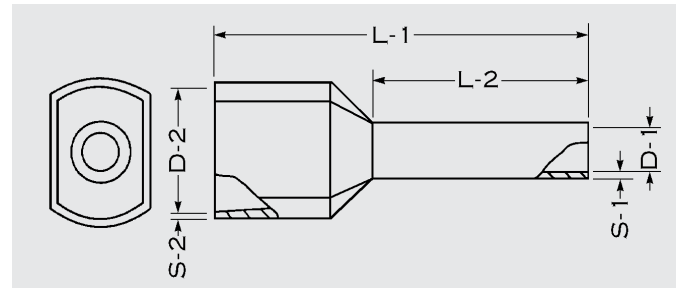
MATERIAL: COPPER / PLASTIC
SURFACE: TIN PLATED

WIRE FERRULES ON REELS

ALSO USED WITH MC 25

SIZE MM ²	LENGTH MM	PART NO.	COLOR CODE DIN	PART NO.	COLOR CODE T	PART NO.	COLOR CODE W	PIECES PER BOX
0.50	8	MC1050	WHITE	MC3050	WHITE	MC2050	ORANGE	1000
0.75	8	MC1075	GREY	MC3075	BLUE	MC2075	WHITE	1000
1.00	8	MC1100	RED	MC3100	RED	MC2100	YELLOW	1000
1.50	8	MC1150	BLACK	MC3150	BLACK	MC2150	RED	1000
2.50	8	MC1250	BLUE	MC3250	GREY	MC2250	BLUE	500

TWIN-WIRE FERRULES FOR TWO WIRES



MATERIAL: COPPER / PLASTIC
SURFACE: TIN PLATED



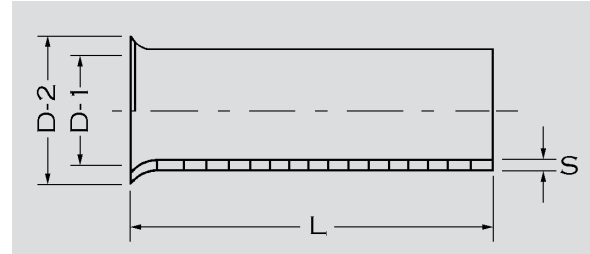
SIZE MM ²	AWG	DIN PART No.	COLOR CODE DIN	W PART No.	COLOR CODE W	PCS. PER BAG	DIMENSIONS (MM)						REC. CRIMPING TOOL
							L-1	L-2	D-1	S-1	D-2	S-2	
2 X 0.50	20	1381050	WHITE	1382050	ORANGE	500	15.0	8.0	1.5	0.15	2.3 / 4.5	0.25	SQ28-10 OR TRAP24-10
2 X 0.75	20	1381075	GREY	1382075	WHITE	500	15.0	8.0	1.8	0.15	2.6 / 5.1	0.25	
2 X 0.75	20	13101075		13102075		500	17.0	10.0	1.8	0.15	2.6 / 5.1	0.25	
2 X 1.00	18	1381010	RED	1382010	YELLOW	500	15.0	8.0	2.05	0.15	3.2 / 5.1	0.30	
2 X 1.00	18	13101010		13102010		500	17.0	10.0	2.05	0.15	3.2 / 5.1	0.30	
2 X 1.50	16	1381015	BLACK	1382015	RED	500	16.0	8.0	2.3	0.15	3.5 / 6.4	0.30	
2 X 1.50	16	13121015		13122015		500	20.0	12.0	2.3	0.15	3.5 / 6.4	0.30	
2 X 2.50	14	13101025	BLUE	13102025	BLUE	500	18.5	10.0	2.9	0.20	4.0 / 7.5	0.30	
2 X 2.50	14	13131025		13132025		100	21.5	13.0	2.9	0.20	4.0 / 7.5	0.30	
2 X 4.00	12	13121040	GREY	13122040	GREY	100	23.0	12.0	3.8	0.20	4.9 / 8.6	0.30	
2 X 6.00	10	13141060	YELLOW	13142060	BLACK	100	25.0	14.0	4.9	0.20	5.8 / 9.6	0.40	TRAP8-1 OR TRAP8-4
2 X 10.0	8	13141100	RED	13142100	IVORY	100	26.0	14.0	6.5	0.20	7.1 / 12.9	0.40	
2 X 16.0	6	13161160	BLUE	13162160	GREEN	50	31.0	16.0	8.5	0.20	9.8 / 16.8	0.60	





WIRE FERRULES NON-INSULATED

DIN 46228 PART 1



MATERIAL: COPPER
SURFACE: TIN PLATED



SIZE MM ²	AWG	PART NO.	PCS. PER BAG	DIMENSIONS (MM)				REC. CRIMPING TOOL
				L	D-1	D-2	S	
0.25	24-	12510025*	1000	5	0.8	1.7	0.15	SQ28-10 OR TRAP24-10
	26	12710025*		7				
0.34	24-	12510034*	1000	5	0.9	1.8	0.15	
	26	12710034*		7				
0.50	20-	12610050	1000	6	1.0	2.1	0.15	
	24	12810050*		8				
		121010050		10				
0.75	20-	12610075	1000	6	1.2	2.3	0.15	
	24	12810075*		8				
		121010075		10				
		121210075		12				
1.00	18	12610100	1000	6	1.4	2.5	0.15	
		12810100*		8				
		121010100		10				
		121210100*		12				
1.50	16	12710150	1000	7	1.7	2.8	0.15	
		12810150		8				
		121010150		10				
		121210150		12				
		121510150*		15				
		121810150		18				
2.50	14	12710250	1000	7	2.2	3.4	0.15	
		121010250		10				
		121210250		12				
		121510250*		15				
		121810250		18				
		122010250*		20				
4.00	12	12910400	1000	9	2.8	4.0	0.2	
		121010400		10				
		121210400		12				
		121510400		15				
		121810400		18				
		122010400*		20				

SIZE MM ²	AWG	PART NO.	PCS. PER BAG	DIMENSIONS (MM)				REC. CRIMPING TOOL
				L	D-1	D-2	S	
6.00	10	121010600	1000	10	3.5	4.7	0.2	SQ28-10 OR TRAP24-10
		121210600		12				
		121510600		15				
		121810600		18				
10.00	8	1212110	500	12	4.5	5.8	0.2	TRAP8-1 OR TRAP8-4
		1215110		15				
		1218110		18				
		1220110*		20				
		1225110*		25				
16.00	6	1212116	250	12	5.8	7.5	0.2	
		1215116		15				
		1218116		18				
		1220116*		20				
		1225116		25				
25.00	4	1212125*	100	12	7.3	9.5	0.2	
		1215125		15				
		1218125		18				
		1225125		25				
		1232125		32				
35.00	2	1218135	100	18	8.3	11	0.2	TRAP8-1
		1220135*		20				
		1225135		25				
		1232135		32				
50.00	1	1218150	100	18	10.3	13	0.3	
		1222150*		22				
		1225150		25				
		1232150		32				
70.00	2/0	1225170	100	25	12.5	15	0.4	VICE70150
		1232170*		32				

* DOES NOT CONFORM TO DIN 46228 PART 1



SIZE MM ²	AWG	PART NO.	PCS. PER BAG	DIMENSIONS (MM)				REC. CRIMPING TOOL		
				L	D-1	D-2	S			
95.0	3/0	1225195*	100	25	14.5	17	0.4	VICE70150		
		1230195*		30						
		1232195*		32						
120.0	4/0	12321120*	100	32	16.5	19	0.5			
		12401120*		40						
150.0	300	123211500*	100	32	18.5	21	0.5			
	MCM	123811500*		38						
185.0	350	123211850*	100	32	20	23.5	0.6	VICE185 150,185,240MM ²		
	MCM	124011850*		40						
240.0	500	124012400*	100	40	22.8	25.8	0.6			
	MCM									





ASSORTMENT BOXES

INSULATED FERRULES	SIZE MM ²	AWG	BARREL LENGTH	QUANTITY	PART NUMBER	DIN	PART DIN	T	PART T	W
ASSORTMENT	0.25	26	6	30	161025	YELLOW	163025	VIOLET	162025	BLUE
Box 1	0.34	24	6	30		TURQ		PINK		TURQ
	0.50	22	8	30		WHITE		WHITE		ORANGE
	0.75	20	8	30		GREY		BLUE		WHITE
	1.00	18	8	30		RED		RED		YELLOW
ASSORTMENT	0.50	22	8	50	161050	WHITE	163050	WHITE	162050	ORANGE
Box 2	0.75	20	8	100		GREY		BLUE		WHITE
	1.00	18	8	100		RED		RED		YELLOW
	1.50	16	8	100		BLACK		BLACK		RED
	2.50	14	8	50		BLUE		GREY		BLUE
ASSORTMENT	4.00	12	10	50	16140	GREY	16340	ORANGE	16240	GREY
Box 3	6.00	10	12	20		YELLOW		GREEN		BLACK
	10.00	8	12	20		RED		BROWN		IVORY
	16.00	6	12	10		BLUE		WHITE		GREEN
ASSORTMENT	0.50	22	8	50	16050T	WHITE				
Box 4	0.75	20	8	50		GREY				
TWIN	1.00	18	8	50		RED				
	1.50	16	8	50		BLACK				
ASSORTMENT	0.75	20	8	50	16075T	WHITE				
Box 5	1.00	18	8	50		GREY				
TWIN	1.50	16	8	50		RED				
	2.50	14	10	50		BLACK				
ASSORTMENT	1.50	16	8	30	16150T	BLACK				
Box 6	2.50	14	10	30		BLUE				
TWIN	4.00	12	12	20		GREY				
	6.00	10	14	10		YELLOW				
ASSORTMENT	0.50	22	6	500	16050U					
Box 7	0.75	20	6	400						
NONINSULATED	1.00	18	6	400						
	1.50	16	7	300						
	2.50	14	7	200						
ASSORTMENT	1.50	16	9	150	16040U					
Box 8	2.50	14	10	100						
NONINSULATED	4.00	12	12	80						
	6.00	10	12	40						
ASSORTMENT					165					
Box EMPTY										
5 DIVISIONS										
ASSORTMENT					164					
Box EMPTY										
4 DIVISIONS										
ASSORTMENT					160					
Box EMPTY										
W/O DIVISIONS										

CRIMP KIT



FEATURES

CONVENIENT AND PORTABLE METAL CARRYING CASE
INSULATED FERRULES
FERRULE ASSORTMENT FROM 24 - 10 AWG
STRIPPING AND CRIMPING TOOL INCLUDED
GREAT FOR TECHNICIANS AND PROTOTYPING

SLIDE BOXES



FEATURES

HANDY, CONVENIENT
NO MIXING OF CONTENTS
FIVE COMPARTMENTS

INSULATED FERRULE ASSORTMENTS

					DIN		W
SIZE MM ²	AWG	BARREL LENGTH	QUANTITY	PART NUMBER	COLOR CODE DIN	PART NUMBER	COLOR CODE W
SINGLE FERRULE ASSORTMENTS							
0.50	22	8	50	1617050	WHITE	1627050	ORANGE
0.75	20	8	100		GREY		WHITE
1.00	18	8	100		RED		YELLOW
1.50	16	8	100		BLACK		RED
2.50	14	8	50		BLUE		BLUE
4.00	12	10	50	1617400	GREY	1627400	GREY
6.00	10	12	20		YELLOW		BLACK
10.00	8	12	20		RED		BEIGE
16.00	6	12	10		BLUE		GREEN
TWIN FERRULE ASSORTMENTS							
2 x 0.50	22	8	50	1617050T	WHITE	1627050T	ORANGE
2 x 0.75	20	8	50		GREY		WHITE
2 x 1.00	18	8	50		RED		YELLOW
2 x 1.50	16	8	50		BLACK		RED
2 x 2.50	14	10	25		BLUE		BLUE



WIRE FERRULE CROSS REFERENCE

ALTECH

PART #	PCS./BAG	MM	AWG	PART #	COLOR	PCS./BAG
22010	500/100	0.5	20	1182050	ORANGE	500
22020	500/100	0.75	20	1182075	WHITE	500
22030	500/100	1	18	1182010	YELLOW	500
22040	500/100	1.5	16	1182015	RED	500
22100	100	6	10	11122060	BLACK	100
22110	100	6	10	11182060	BLACK	100
22120	100	10	8	11122100	IVORY	100
22130	100	10	8	11182100	IVORY	100
22140	100	16	6	11122160	GREEN	100
22150	100	16	6	11182160	GREEN	100
22670	50	25	4	11182250	BROWN	50
22760	50	35	2	11182350	BEIGE	50
23430	500/100	1.5	16	11183015	BLACK	500
23900	50	35	2	11252350	BEIGE	50
23970	500/100	0.5	20	1162050	ORANGE	500
23980	500/100	0.75	20	1162075	WHITE	500
23990	500/100	1	18	1162010	YELLOW	500
24000	500/100	1.5	16	11102015	RED	500
24010	500/100	2.5	14	11122025	BLUE	500
24020	500/100	4	12	11122040	GREY	500
25000	50	50	1	11202500	OLIVE	50
26200	500/100	0.25	24	11610025	YELLOW	500
26210	500/100	0.25	24	11820025	BLUE	500
26220	500/100	0.34	24	1161034	TURQ	500
26230	500/100	0.34	24	1181034	TURQ	500
27860	25	70	1/0	11201700	YELLOW	25
27860	25	70	1/0	11202700	YELLOW	25
27870	25	95	3/0	11251950	RED	25
27880	25	120	4/0	112711200	BLUE	25
27890	25	150	300 MCM	113211500	YELLOW	25
28360	500/100	0.5	20	1161050	WHITE	500
28400	500/100	1	18	11123010	RED	500
28410	500/100	1.5	16	1181015	BLACK	500
28420	500/100	1.5	16	11103015	BLACK	500
28430	500/100	1.5	16	11121015	BLACK	500
28440	500/100	1.5	16	11181015	BLACK	500
28450	500/100	2.5	14	1181025	BLUE	500
28450	500/100	2.5	14	1182025	BLUE	500
28460	500/100	2.5	14	11121025	BLUE	500
28470	500/100	2.5	14	11181025	BLUE	500
28480	500/100	4	12	11101040	GREY	500
28490	500/100	4	12	11121040	GREY	500
28500	100	4	12	11181040	GREY	100
28510	100	6	10	11121060	YELLOW	100
28520	100	6	10	11181060	YELLOW	100
28530	100	10	8	11121100	RED	100
28540	100	10	8	11181100	RED	100
28550	100	16	6	11121160	BLUE	100
28560	100	16	6	11181160	BLUE	100
28570	50	25	4	11181250	YELLOW	50
28580	50	25	4	11221250	YELLOW	50
28590	50	35	2	11183350	RED	50
28600	50	25	4	11253350	RED	50
28610	50	50	1	11201500	BLUE	50
28640	500/100	0.5	20	1181050	WHITE	500
28650	500/100	0.5	20	11101050	WHITE	500
28660	500/100	0.75	20	1161075	GREY	500
28670	500/100	0.75	20	1181075	GREY	500
28680	500/100	0.75	20	11101075	GREY	500
28690	500/100	0.75	20	11121075	GREY	500
28700	500/100	1	18	1161010	RED	500
28710	500/100	1	18	1181010	RED	500
28720	500/100	1	18	11101010	RED	500

ALTECH

PART #	PCS./BAG	MM	AWG	PART #	COLOR	PCS./BAG
27750	500/100	2 x 0.75	20	1381075	GREY	500
27760	500/100	2 x 1.00	18	1381010	RED	500
27770	500/100	2 x 1.50	16	1381015	BLACK	500
27780	250/100	2 x 2.50	14	13101025	BLUE	500
27940	500/100	2 x 0.50	20	1381050	WHITE	500
27950	500/100	2 x 0.75	20	13101075	GREY	500
27960	500/100	2 x 1.00	18	13101010	RED	500
27970	500/100	2 x 1.50	16	13121015	BLACK	500
27980	250/100	2 x 2.50	14	13131025	BLUE	500
27990	100	2 x 4.00	12	13121040	GREY	100
28000	100	2 x 6.00	10	13141060	YELLOW	100
28010	100	2 x 10.0	8	13141100	RED	100
28020	100/50	2 x 16.0	6	13161160	BLUE	50
22160	1000/100	0.5	20	12610050		1000
22170	1000/100	0.75	20	12610075		1000
22180	1000/100	0.75	20	121010075		1000
22190	1000/100	1	18	12610100		1000
22200	1000/100	1	18	121010100		1000
22210	1000/100	1.5	16	12710150		1000
22220	1000/100	1.5	16	121010150		1000
22230	1000/100	2.5	14	12710250		1000
22240	1000/100	2.5	14	121210250		1000
22250	1000/100	4	12	12910400		1000
22250	1000	4	12	121010400		1000
22260	1000/100	4	12	121210400		1000
22270	1000/100	6	10	121210600		1000
22280	1000/100	10	8	1212110		500
22290	1000/100	10	8	1218110		500
23880	1000/100	6	10	121510600		1000
23890	500/100	10	8	1215110		500
23910	500/100	16	6	1212116		250
23920	500/100	16	6	1215116		250
23930	500/100	16	6	1218116		250
23940	500/100	25	4	1215125		100
23950	500/100	25	4	1218125		100
23960	500/100	35	2	1218135		100
27910	50	95	3/0	1230195		100
27920	50	120	4/0	12321120		100
27930	50	150	300 MCM	123811500		100
28150	25	185	350 MCM	124011850		100
28160	100	50	1	1232150		100

ABB

PART #	PCS./BAG	MM	AWG	PART #	COLOR	PCS./BAG
30445400	1000	0.5	20	1181050	WHITE	500
30445501	1000	0.75	20	1181075	GREY	500
30445602	1000	1	18	1181010	RED	500
30445703	1000	1.5	16	1181015	BLACK	500
30445814	1000	1.5	16	1181015	BLACK	500
30445915	1000	2.5	14	1181025	BLUE	500
30446012	1000	2.5	14	1181025	BLUE	500
30446107	1000	4	12	11101040	GREY	500
30446200	1000	4	12	1181040	GREY	100
30446301	100	6	10	11121060	YELLOW	100
30446402	100	6	10	1181060	YELLOW	100
30446503	100	10	8	11121100	RED	100
30446604	100	10	8	1181100	RED	100
30446705	100	16	6	11121160	BLUE	100
30446816	100	16	6	1181160	BLUE	100
30446917	100	25	4	1181250	YELLOW	50
30447014	50	35	2	1181350	RED	50
30447101	50	50	1	11251500	BLUE	25
30455810		2 x 0.50	20	1381050	WHITE	500
30455911		2 x 0.75	20	1381075	GREY	500
30456016		2 x 0.75	20	13101075	GREY	500
30456103		2 x 1.00	18	1381010	RED	500
30456204		2 x 1.00	18	13101010	RED	500
30456305		2 x 1.50	16	1381015	BLACK	500
30456406		2 x 1.50	16	13121015	BLACK	500
30456507		2 x 2.50	14	13101025	BLUE	500
30456600		2 x 2.50	14	13131025	BLUE	500
30456701		2 x 4.00	12	13121040	GREY	100
30456812		2 x 6.00	10	13141060	YELLOW	100
30456913		2 x 10.0	8	13141100	RED	100
30457010		2 x 16.0	6	13161160	BLUE	50
30457105		0.5	20	12610050		1000
30457206		0.75	20	12610075		1000
30457307		1	18	12610100		1000
30457400		1	18	121010100		1000
30457501		1.5	16	12710150		1000
30457602		1.5	16	121010150		1000
30457703		2.5	14	12710250		1000
30457814		2.5	14	121210250		1000
30457915		4	12	12910400		1000
30458003		4	12	121210400		1000
30458120		6	10	121010600		1000
30458221		6	10	121210600		1000
30458322		6	10	121510600		1000
30458423		10	8	1212110		500
30458524		10	8	1215110		500
30458625		10	8	1218110		500
30458726		16	6	1212116		250
30458807		16	6	1215116		250
30458900		16	6	1218116		250

AMERICAN ELECTRICAL
MIRO
AMERICAN ELECTRICAL

PART #	PCS./BAG	MM	AWG	PART #	COLOR	PCS./BAG
G1201		50	1	11202500	OLIVE	50
G1202		35	2	11162350	BEIGE	50
G1204		25	4	11162250	BROWN	50
G1206		16	6	11122160	GREEN	100
G1208		10	8	11122100	IVORY	100
G1210		6	10	11122060	BLACK	100
G1212		4	12	11102040	GREY	500
G1214		2.5	14	1182025	BLUE	500
G1216		1.5	16	1182015	RED	500
G1218		1	18	1182010	YELLOW	500
G1220		0.75	20	1182075	WHITE	500
G1222		0.5	22	1182050	ORANGE	500
G1224		0.34	24	1181034	TURQ	500
G1228		0.25	26	11620025	BLUE	500
G2201		50	1	11252500	OLIVE	25
G2202		35	2	11252350	IVORY	50
G2204		25	4	11222250	BROWN	50
G2206		16	6	11182160	GREEN	100
G2208		10	8	11182100	IVORY	100
G2210		6	10	11182060	BLACK	100
G2212		4	12	11182040	GREY	100
G2214		2.5	14	11182025	BLUE	500
G2216		1.5	16	11182015	RED	500
G2218		1	18	11122010	YELLOW	500
G2220		0.75	20	11102075	WHITE	500
G2222		0.5	22	11102050	ORANGE	500
G2224		0.34	24	1181034	TURQ	500
G2228		0.25	26	11820025	BLUE	500
U1222		0.5	20	12610050		1000
U1220		0.75	20	12610075		1000
U1218		1	18	12810100		1000
U1216		1.5	16	12710150		1000
U1214		2.5	14	12710250		1000
U2222		0.5	20	12810050		1000
U2220		0.75	20	12810075		1000
U1212		4	12	12910400		1000
U2218		1	18	121010100		1000
U2216		1.5	16	121010150		1000
U2214		2.5	14	121010250		1000
U2212		4	12	121210400		1000
U1210		6	10	121210600		1000
U2210		6	10	121510600		1000
U1208		10	8	1215110		500
U1206		16	6	1215116		250
U1204		25	4	1212125		100
U2208		10	8	1218110		500



WIRE FERRULE CROSS REFERENCE

PHOENIX

PART #	PCS./BAG	MM	AWG	PART #	COLOR	PCS./BAG
3009215	100	0.34	24	1161034	TURQ	500
3200014	100	0.5	20	1181050	WHITE	500
3200027	100	0.75	20	1183075	BLUE	500
3200030	100	1	18	1181010	RED	500
3200043	100	1.5	16	1181015	BLACK	500
3200056	100	1.5	16	1181015	BLACK	500
3200069	100	2.5	14	1183025	GREY	500
3200072	100	2.5	14	1183025	GREY	500
3200085	100	4	12	11103040	ORANGE	500
3200098	100	4	12	1183040	ORANGE	100
3200108	100	6	10	11123060	GREEN	100
3200111	100	6	10	1183060	GREEN	100
3200124	100	10	8	11123100	BROWN	100
3200137	100	10	8	1183100	BROWN	100
3200179	100	0.25	24	11610025	YELLOW	500
3200182	100	1	18	11103010	RED	500
3200195	100	1.5	16	11103015	BLACK	500
3200205	100	2.5	14	11123025	GREY	500
3200412	100	25	4	11163250	BLACK	50
3200438	100	4	12	11123040	ORANGE	500
3200441	100	35	2	11161350	RED	50
3200454	100	50	1	11201500	BLUE	50
3200519	100	0.75	20	1181075	GREY	500
3200522	100	2.5	14	1181025	BLUE	500
3200535	100	4	12	11101040	GREY	500
3200548	100	6	10	11121060	YELLOW	100
3200551	100	10	8	11121100	RED	100
3200564	100	16	6	11121160	BLUE	100
3200577	100	25	4	11161250	YELLOW	50
3200580	100	2.5	14	11181025	BLUE	500
3200593	100	4	12	11181040	GREY	100
3200603	100	6	10	11181060	YELLOW	100
3200616	100	10	8	11181100	RED	100
3200629	100	16	6	11181160	BLUE	100
3200632	100	0.25	24	11820025	BLUE	500
3200674	100	1	18	11123010	RED	500
3200687	100	0.5	20	1163050	WHITE	500
3200713	100	35	2	11253350	RED	50
3200726	100	50	1	11253500	BLUE	25
3200739	100	35	2	11252350	BEIGE	50
3200742	100	1	18	1163010	RED	500
3200755	100	1.5	16	1163015	BLACK	500
3200865	100	0.34	24	1182034	TURQ	500
3200881	1000	0.5	20	1183050	WHITE	500
3200904	1000	1	18	1183010	RED	500
3200917	1000	1.5	16	1183015	BLACK	500
3200920	1000	2.5	14	1182025	BLUE	500
3200959	100	4	12	11122040	GREY	500
3200962	100	2.5	14	11122025	BLUE	500
3201068	100	10	8	11122100	IVORY	100
3201071	100	35	2	11162350	BEIGE	50
3201084	100	25	4	11162250	BROWN	50
3201097	100	1	18	1182010	YELLOW	500
3201107	100	6	10	11122060	BLACK	100
3201110	100	0.75	20	1182075	WHITE	500
3201136	100	1.5	16	1182015	RED	500
3201152	100	16	6	11122160	GREEN	100
3201178	100	50	1	11202500	OLIVE	50
3201181	100	16	6	11123160	WHITE	100
3201275	100	0.5	20	11103050	WHITE	500
3201291	100	0.25	24	11620025	BLUE	500
3201301	100	0.5	20	1162050	ORANGE	500
3201301	100	0.5	20	1182050	ORANGE	500
3201314	100	0.75	20	1162075	WHITE	500
3201327	100	1	18	1162010	YELLOW	500
3201330	100	16	6	11182160	GREEN	100

PHOENIX

PART #	PCS./BAG	MM	AWG	PART #	COLOR	PCS./BAG
3009202	1000	0.34	22	12710034		1000
3200218	1000	0.5	20	12610050		1000
3200221	1000	0.75	20	12610075		1000
3200234	1000	0.75	20	121010075		1000
3200247	1000	1	18	12610100		1000
3200250	1000	1	18	121010100		1000
3200263	1000	1.5	16	12710150		1000
3200276	1000	1.5	16	121010150		1000
3200289	1000	2.5	14	12710250		1000
3200292	1000	2.5	14	121210250		1000
3200302	1000	4	12	12910400		1000
3200315	1000	4	12	121210400		1000
3200328	500	6	10	121210600		1000
3200836	100	2.5	14	13101025		500
3200878	100	2.5	14	13131025		500
3200975	100	0.75	20	13101075		500
3200988	100	1	18	13101010		500
3200991	100	1.5	16	13121015		500
3201000	100	4	12	13121040		100
3201013	100	4	12	13141060		100
3201026	100	10	8	13141100		100

WAGO

AMERICAN ELECTRICAL

PART #	Pcs./BAG	MM	AWG	PART #	COLOR	Pcs./BAG
		0.14	26	1161014	GREY	500
		0.14	26	1181014	GREY	500
216201	1000	0.5	22	1181050	WHITE	500
216203	1000	1	18	1181010	RED	500
216204	1000	1.5	16	1181015	BLACK	500
216205	1000	2.1	14	1181208	YELLOW	500
216206	1000	2.5	14	1183025	GREY	500
216207	1000	4	12	11103040	ORANGE	500
216208	100	6	10	11123060	GREEN	100
216209	100	10	8	11123100	BROWN	100
216210	100	16	6	11123160	WHITE	100
216221	1000	0.5	22	1161050	WHITE	500
216222	1000	0.75	20	1163075	BLUE	500
216223	1000	1	18	1161010	RED	500
216224	1000	1.5	16	1161015	BLACK	500
216301	1000	0.25	24	11810025	YELLOW	500
216302	1000	0.34	24	1181034	TURQ	500
216321	1000	0.25	24	11610025	YELLOW	500
216322	1000	0.34	24	1161034	TURQ	500
2162020	1000	0.75	20	1181075	BLUE	500
216101	1000	0.5	22	12810050		1000
216102	1000	0.75	20	12810075		1000
216103	1000	1	18	12810100		1000
216104	1000	1.5	16	12810150		1000
216106	1000	2.5	14	121010250		1000
216107	1000	4	12	12910400		1000
216108	250	6	10	121210600		1000
216109	250	10	8	1212110		500
216110	250	16	6	1215116		500
216121	1000	0.5	22	12610050		1000
216122	1000	0.75	20	12610075		1000
216123	1000	1	18	12610100		1000
216124	1000	1.5	16	12710150*		1000
216131	1000	0.25	24	12710025		1000
216132	1000	0.34	24	12710034		1000
216151	1000	0.25	24	12510025		1000
216152	1000	0.34	24	12510034		1000



WIRE FERRULE CROSS REFERENCE

WEIDMULLER

PART #	PCS./BAG	MM	AWG	PART #	COLOR	PCS./BAG
0317000000	50	25	4	11162250	BROWN	50
0317100000	50	25	4	11222250	BROWN	50
0317200000	50	35	2	11162350	BEIGE	50
0317300000	50	35	2	11252350	BEIGE	50
0409500000	500	0.5	20	1162050	ORANGE	500
0409600000	500	0.75	20	1162075	WHITE	500
0409700000	500	1	18	1162010	YELLOW	500
0444200000	50	50	1	11202500	OLIVE	50
0462900000	500	0.75	20	1182075	WHITE	500
0463000000	500	1	18	1182010	YELLOW	500
0463100000	500	1.5	16	1182015	RED	500
0533500000	100	6	10	11122060	BLACK	100
0534200000	100	10	8	11122100	IVORY	100
0565600000	500	1.5	16	11182015	RED	500
0565700000	100	6	10	11182060	BLACK	100
0565800000	100	10	8	11182100	IVORY	100
0565900000	100	16	6	11122160	GREEN	100
0566000000	100	16	6	11182160	GREEN	100
0635100000	500	1.5	16	11102015	RED	500
0690700000	500	0.5	20	1182050	ORANGE	500
9019000000	500	0.5	20	1161050	WHITE	500
9019010000	500	0.5	20	1181050	WHITE	500
9019020000	500	0.5	20	11101050	WHITE	500
9019030000	500	0.75	20	1161075	GREY	500
9019040000	500	0.75	20	1181075	GREY	500
9019050000	500	0.75	20	11101075	GREY	500
9019060000	500	0.75	20	11121075	GREY	500
9019070000	500	1	18	1161010	RED	500
9019080000	500	1	18	1181010	RED	500
9019100000	500	1	18	11101010	RED	500
9019110000	500	1	18	11121010	RED	500
9019120000	500	1.5	16	1181015	BLACK	500
9019130000	500	1.5	16	11101015	BLACK	500
9019140000	500	1.5	18	11121015	BLACK	500
9019150000	500	1.5	16	11181015	BLACK	500
9019160000	500	2.5	14	1181025	BLUE	500
9019160000	500	2.5	14	1182025	BLUE	500
9019170000	500	2.5	14	11121025	BLUE	500
9019170000	500	2.5	14	11122025	BLUE	500
9019180000	500	2.5	14	11181025	BLUE	500
9019180000	500	2.5	14	11182025	BLUE	500
9019190000	500	4	12	11101040	GREY	500
9019190000	500	4	12	11102040	GREY	500
9019200000	500	4	12	11121040	GREY	500
9019200000	500	4	12	11122040	GREY	500
9019210000	500	4	12	11181040	GREY	500
9019210000	500	4	12	11182040	GREY	500
9019220000	100	6	10	11121060	YELLOW	100
9019230000	100	6	10	11181060	YELLOW	100
9019240000	100	10	8	11121100	RED	100
9019250000	100	10	8	11181100	RED	100
9019260000	100	16	6	11121160	BLUE	100
9019270000	100	16	6	11181160	BLUE	100
9019280000	50	25	4	11161250	YELLOW	50
9019300000	50	25	4	11221250	YELLOW	50
9019310000	50	35	2	11161350	RED	50
9019330000	50	35	2	11251350	RED	50
9019340000	50	50	1	11201500	BLUE	50
9021010000	500	0.25	24	11610025	YELLOW	500
9021020000	500	0.25	24	11810025	YELLOW	500
9021030000	500	0.75	20	1163075	BLUE	500
9021040000	500	0.75	20	1183075	BLUE	500
9021050000	500	0.75	20	11103075	BLUE	500
9021060000	500	0.75	20	11123075	BLUE	500
9021070000	500	2.5	14	1183025	GREY	500
9021080000	500	2.5	14	11123025	GREY	500

WEIDMULLER

PART #	PCS./BAG	MM	AWG	PART #	COLOR	PCS./BAG
9021090000	500	2.5	14	11183025	GREY	500
9021100000	500	4	12	11103040	ORANGE	500
9021110000	500	4	12	11123040	ORANGE	500
9021120000	100	4	12	11183040	ORANGE	100
9021130000	100	6	10	11123060	GREEN	100
9021140000	100	6	10	11183060	GREEN	100
9021150000	100	10	8	11123100	BROWN	100
9021160000	100	10	8	11183100	BROWN	100
9021170000	100	16	6	11123160	WHITE	100
9021180000	100	16	6	11183160	WHITE	100
9021190000	50	25	4	11163250	BLACK	50
9021200000	50	25	4	11253250	BLACK	50
9025740000	500	0.25	24	11620025	BLUE	500
9025750000	500	0.34	24	1162034	TURQ	500
9025760000	500	0.25	24	11820025	BLUE	500
9025770000	500	0.34	24	1182034	TURQ	500
9025860000	500	0.75	20	11102075	WHITE	500
9025870000	500	0.5	20	11102050	ORANGE	500
9025910000	500	0.75	20	11122075	WHITE	500
9025930000	500	1	18	11122010	YELLOW	500
9025950000	500	1	18	11102010	YELLOW	500
9028200000	25	70	1/0	11202700	YELLOW	25
9028210000	25	95	3/0	11252950	RED	25
9028230000	25	150	300MCM	113221500	YELLOW	25
9028250000	500	0.14	26	1163014	BROWN	500
0124300000	500	16	6	1215116		250
0124400000	250	25	4	1215125		100
0124700000	500	6	10	121510600		1000
0124800000	500	10	8	1215110		500
0186100000	1000	2.5	14	121210250		1000
0186500000	1000	1.5	16	121010150		1000
0191900000	500	6	10	121210600		1000
0244100000	1000	4	12	121210400		1000
0282600000	1000	0.5	20	12610050		1000
0282700000	1000	0.75	20	12610075		1000
0282800000	1000	1	18	121010100		1000
0282900000	500	10	8	1212110		500
0368900000	100	35	2	1218135		100
3726000000	1000	1	18	12610100		1000
0372700000	1000	1.5	16	12710150		1000
0373000000	1000	2.5	14	12710250		1000
0373100000	500	4	12	12910400		1000
0375200000	100	16	6	1218116		250
0375300000	100	25	4	1218125		100
0379300000	500	10	8	1218110		500
0492500000	500	16	6	1212116		250
0542500000	1000	0.75	20	121010075		1000
9004050000	1000	0.5	20	121010050		1000
9004060000	1000	1.5	16	121210150		1000
9004070000	1000	1.5	16	121810150		1000
9004080000	1000	2.5	14	121010250		1000
9004090000	1000	2.5	14	121810250		1000
9004100000	1000	4	12	121510400		1000
9004110000	1000	4	12	121810400		1000
9004120000	1000	6	10	121010600		1000
9004130000	1000	6	10	121810600		1000
9004150000	250	16	6	1225116		250
9004160000	250	16	6	1232116		250
9004170000	100	25	4	1225125		100
9004180000	100	25	4	1232125		100
9004190000	100	35	2	1225135		100
9004200000	100	35	2	1232135		100
9004210000	100	50	1	1218150		100
9004220000	100	50	1	1232150		100
9018910000	1000	0.25	26	12510025		1000
9025880000	100	50	1	1225150		100

WEILAND

PART #	PCS./BAG	MM	AWG	PART #	COLOR	PCS./BAG
31700	50	25	4	11162250	BROWN	50
31710	50	25	4	11222250	BROWN	50
31720	50	35	2	11162350	BEIGE	50
31730	50	35	2	11252350	BEIGE	50
40950	500	0.5	20	1162050	ORANGE	500
40960	500	0.75	20	1162075	WHITE	500
40970	500	1	18	1162010	YELLOW	500
44420	50	50	1	11202500	OLIVE	50
46290	500	0.75	20	1182075	WHITE	500
46300	500	1	16	1182010	YELLOW	500
46310	500	1.5	16	1182015	RED	500
53350	100	6	10	11122060	BLACK	100
53420	100	10	8	11122100	IVORY	100
56560	500	1.5	16	11182015	RED	500
56570	100	6	10	11182060	BLACK	100
56580	100	10	8	11182100	BEIGE	100
56590	100	16	6	11122160	GREEN	100
56600	100	16	6	11182160	GREEN	100
63510	500	1.5	16	11102015	RED	500
69070	500	0.5	20	1182050	ORANGE	500
133310	500	2.5	14	1181025	BLUE	500
901900	500	0.5	20	1161050	WHITE	500
901901	500	0.5	20	1181050	WHITE	500
901902	500	0.5	20	11101050	WHITE	500
901903	500	0.75	20	1161075	GREY	500
901904	500	0.75	20	1181075	GREY	500
901905	500	0.75	20	11101075	GREY	500
901906	500	0.75	20	11121075	GREY	500
901907	500	1	18	1161010	RED	500
901908	500	1	18	1181010	RED	500
901910	500	1	18	11101010	RED	500
901911	500	1	18	11121010	RED	500
901912	500	1.5	16	1181015	BLACK	500
901913	500	1.5	16	11101015	BLACK	500
901915	500	1.5	16	11181015	BLACK	500
901916	500	2.5	14	1181025	BLUE	500
901916	500	2.5	14	1182025	BLUE	500
901917	500	2.5	14	11121025	BLUE	500
901917	500	2.5	14	11122025	BLUE	500
901918	500	2.5	14	11181025	BLUE	500
901918	500	2.5	14	11182025	BLUE	500
901919	500	4	12	11101040	GREY	500
901919	500	4	12	11102040	GREY	500
901920	500	4	12	11121040	GREY	500
901920	500	4	12	11122040	GREY	500
901921	500	4	12	11181040	GREY	100
901921	500	4	12	11182040	GREY	100
901922	100	6	10	11121060	YELLOW	100
901923	100	6	10	11181060	YELLOW	100
901924	100	10	8	11121100	RED	100
901925	100	10	8	11181100	RED	100
901926	100	16	6	11121160	BLUE	100
901927	100	16	6	11181160	BLUE	100
901928	50	25	4	11161250	YELLOW	50
901930	50	25	4	11221250	YELLOW	50
901931	50	35	2	11161350	RED	50
901933	50	35	2	11251350	RED	50
901934	50	50	1	11201500	BLUE	50
902101	500	0.25	24	11610025	YELLOW	500
902103	500	0.75	20	1163075	BLUE	500
902104	500	0.75	20	1183075	BLUE	500
902105	500	0.75	20	11103075	BLUE	500
902106	500	0.75	20	11123075	BLUE	500
902107	500	2.5	14	1183025	GREY	500
902108	500	2.5	14	11123025	GREY	500
902109	500	2.5	14	11183025	GREY	500
902110	500	4	12	11103040	ORANGE	500

WEILAND

PART #	PCS./BAG	MM	AWG	PART #	COLOR	PCS./BAG
902111	500	4	12	11123040	ORANGE	500
902112	100	4	12	11183040	ORANGE	100
902113	100	6	10	11123060	GREEN	100
902114	100	6	10	11183060	GREEN	100
902115	100	10	8	11123100	BROWN	100
902116	100	10	8	11183100	BROWN	100
902117	100	16	6	11123160	WHITE	100
902118	100	16	6	11183160	WHITE	100
902119	50	25	4	11163250	BLACK	50
902120	50	25	4	11253250	BLACK	50
902574	500	0.25	24	11620025	BLUE	500
902575	500	0.34	24	1162034	TURQ	500
902576	500	0.25	24	11820025	BLUE	500
902577	500	0.34	24	1182034	TURQ	500
902586	500	0.75	20	11102075	WHITE	500
902587	500	0.5	20	11102050	ORANGE	500
902591	500	0.75	20	11122075	WHITE	500
902593	500	1	18	11122010	YELLOW	500
902595	500	1	18	11102010	YELLOW	500
902603	500	0.34	24	1161034	TURQ	500
12430	500	16	6	1215116		250
12440	250	25	4	1215125		100
12470	500	6	10	121510600		1000
12480	500	10	8	1215110		500
18610	1000	2.5	14	121210250		1000
18650	1000	1.5	16	121010150		1000
19190	500	6	10	121210600		1000
24410	1000	4	12	121210400		1000
28260	1000	0.5	20	12610050		1000
28270	1000	0.75	20	12610075		1000
28280	1000	1	18	121010100		1000
28290	500	10	8	1212110		500
36890	100	35	2	1218135		100
37260	1000	1	18	12610100		1000
37270	1000	1.5	16	12710150		1000
37300	1000	2.5	14	12710250		1000
37310	500	4	12	12910400		1000
37520	100	16	6	1218116		250
37530	100	25	4	1218125		100
37930	500	10	8	1218110		500
49250	500	16	6	1212116		250
54250	1000	0.75	20	121010075		1000
900405	1000	0.5	20	121010050		1000
900406	1000	1.5	16	121210150		1000
900407	1000	1.5	16	121810150		1000
900408	1000	2.5	14	121010250		1000
900409	1000	2.5	14	121810250		1000
900410	1000	4	12	121510400		1000
900411	1000	4	12	121810400		1000
900412	1000	6	10	121010600		1000
900413	1000	6	10	121810600		1000
900415	250	16	6	1225116		250
900416	250	16	6	1232116		250
900417	100	25	4	1225125		100
900418	100	25	4	1232125		100
900419	100	35	2	1225135		100
900420	100	35	2	1232135		100
900421	100	50	1	1218150		100
900422	100	50	1	1232150		100
901891	1000	0.25	26	12510025		1000
902588	100	50	1	1225150		100

AMERICAN ELECTRICAL



WIRE FERRULE CRIMPING SOLUTIONS: HAND, PNEUMATIC AND AUTOMATIC TOOLS

AMERICAN ELECTRICAL HAS A WIDE RANGE OF LOW COST, HIGH QUALITY HAND, PNEUMATIC AND AUTOMATIC TOOLS FOR CRIMPING WIRE FERRULES, STRIPPING AND CUTTING WIRE.

WE OFFER BOTH PNEUMATIC AND ELECTRICAL EQUIPMENT TO HELP COMBAT THE FATIGUE AND THE HIGH LABOR ASSOCIATED WITH CRIMPING WIRE FERRULES. OUR PNEUMATIC CRIMPERS COVER FROM 24 AWG TO 8 AWG AND COME IN A LIGHTWEIGHT HANDHELD OR "HANDSFREE" BENCH MODEL. THE CRIMP MAX OPERATES ON 120 VAC AND WILL STRIP AND CRIMP WIRES IN 1.5 SECONDS. IT WEIGHS ONLY 26 POUNDS, PORTABLE ENOUGH TO SUPPORT LOCATIONS AT THE FACTORY FLOOR AND RUGGED ENOUGH TO WITHSTAND IT.

ALL OF OUR TOOLS ARE MADE FROM THE HIGHEST QUALITY MATERIALS FOR LONGEVITY AND ACCURATE CRIMPING.



WIRE FERRULE HAND CRIMPING TOOLS



TRAP 24 - 10

TRAPEZOID CRIMPING
WITH RATCHET, SIDE ENTRY
RANGE: 24-10 AWG (0.25-6.0 MM²)
FOR SINGLE CONDUCTOR FERRULES
20-14 AWG (0.5-2.5 MM²) FOR
TWIN FERRULES (TWO WIRES)
LENGTH: 7.5 INCHES (190 MM)
WEIGHT: 12.3 OUNCES (350 G)



TRAP 26 - 10 F

TRAPEZOID CRIMPING
WITH RATCHET, FRONT ENTRY
UNIVERSAL DIE
RANGE: 24-10 AWG (0.25-6.0 MM²)
FOR SINGLE CONDUCTOR FERRULES
20-14 AWG (0.5-2.5 MM²) FOR
TWIN FERRULES (TWO WIRES)
LENGTH: 8.7 INCHES (220 MM)
WEIGHT: 15.1 OUNCES (430 G)



TRAP 22 - 10

TRAPEZOID CRIMPING
WITH RATCHET, SIDE ENTRY
UNIVERSAL DIE
RANGE: 22-10 AWG (0.5-6.0 MM²)
FOR SINGLE CONDUCTOR FERRULES
20-14 AWG (0.5-2.5 MM²) FOR
LENGTH: 8.25 INCHES (209 MM)
WEIGHT: 14.8 OUNCES (460 G)



TRAP 8 - 4

TRAPEZOID CRIMPING
WITH RATCHET, SIDE ENTRY
RANGE: 8-4 AWG (10.0-25.0 MM²)
LENGTH: 8.7 INCHES (220 MM)
WEIGHT: 18.7 OUNCES (530 G)



TRAP 2 - 1

TRAPEZOID CRIMPING
WITH RATCHET, SIDE ENTRY
RANGE: 2-1 AWG (35.0-50.0 MM²)
LENGTH: 8.7 INCHES (220 MM)
WEIGHT: 18.7 OUNCES (530 G)



TRAP 8 - 1

TRAPEZOID CRIMPING
WITH RATCHET, SIDE ENTRY
RANGE: 8-1 AWG (10.0-50.0 MM²)
FOR SINGLE CONDUCTOR FERRULES
12-6 AWG (4.0-16.0 MM²) FOR
TWIN FERRULES (TWO WIRES)
LENGTH: 13.4 INCHES (340 MM)
WEIGHT: 28.1 OUNCES (800 G)



FERRULE CRIMPING TOOLS



TRAP 24 - 14 L

TRAPEZOID CRIMPING

NO RATCHET, SIDE ENTRY

RANGE: 24-14 AWG (0.25-2.5 mm²)

LENGTH: 5.9 INCHES (150 MM)

WEIGHT: 5.6 OUNCES (160 G)



IND 20 - 6 L

INDENT CRIMPING

NO RATCHET, SIDE ENTRY

RANGE: 20-6 AWG (0.5-16.0 mm²)

FOR SINGLE CONDUCTOR FERRULES

20-10 AWG (0.5-6.0 mm²)

FOR TWIN FERRULES

LENGTH: 9.1 INCHES (230 MM)

WEIGHT: 8.8 OUNCES (250 G)



SQ 28 - 10

SQUARE CRIMPING

WITH RATCHET, SIDE ENTRY

UNIVERSAL DIE

RANGE: 28-8 AWG (0.25-6.0 mm²)

FOR SINGLE CONDUCTOR FERRULES

20-14 AWG (0.5-2.5 mm²)

FOR TWIN FERRULES

LENGTH: 7.1 INCHES (180 MM)

WEIGHT: 13.7 OUNCES (390 G)



TRAP 12 - 8 TW

TRAPEZOID CRIMPING

WITH RATCHET, SIDE ENTRY

FOR TWIN FERRULES

RANGE: 12-8 AWG (4.0-10.0 mm²)

LENGTH: 8.7 INCHES (220 MM)

WEIGHT: 18.7 OUNCES (530 G)



STCR 20-14

STRIP FERRULE STRIPPER & CRIMPER

TRAPEZOID CRIMPER

CRIMPS STRIP FERRULES

0.5 - 2.5 mm²

20 - 14 AWG

EASILY STRIPS CABLES

CABLE CUTTER LOCATED ON TOP

CABLE STRIPPER



STRIP 28 - 10

WIRE INSULATION STRIPPER
WITH WIRE CUTTER

RANGE: 28-10 AWG (0.08-6.0 MM²)
LENGTH: 8.1 INCHES (205 MM)
WEIGHT: 7.0 OUNCES (200 G)

CABLE CUTTER



CUT 6

CABLE CUTTER

RANGE: 6 AWG (16.0 MM²) MAXIMUM
LENGTH: 6.5 INCHES (165 MM)
WEIGHT: 4.2 OUNCES (120 G)

CRIMPING TOOL FOR WIRE LUGS



LUG 20 - 10

CRIMPING TOOL
FOR INSULATED WIRE LUGS

RANGE: 20-10 AWG (0.5-6.0 MM²)
LENGTH: 8.7 INCHES (220MM)
WEIGHT: 18.3 OUNCES (520 G)

FERRULE CRIMPER FOR LARGE WIRES



VICE 70150

TRAPEZOID VICE CRIMPER
CRIMPS FERRULES

70-150 MM²
1/0 AWG - 300 MCM

FITS STANDARD BENCH MOUNTED VICE
SPRING LOADED FOR EASY RETRACTION
COMPOSED OF STAINLESS STEEL
FOUR INDIVIDUAL DIES



CRIMP-MAX MC 25

AUTOMATIC FERRULE

STRIPPING & CRIMPING MACHINE FOR 20 AWG TO 14 AWG WIRES



YOUR EFFICIENT HELPER FOR STRIPPING & CRIMPING INSULATED WIRE FERRULES

- THE MC 25 AT 26 POUNDS (12 KG) IS A VERY LIGHT MACHINE. IT CAN BE EASILY TRANSPORTED TO VARIOUS WORK STATIONS.
- IT DOES NOT REQUIRE PRESSURIZED AIR, BUT ONLY A 120 V STANDARD POWER CONNECTION.
- IT TAKES ONLY 1.5 SECONDS TO STRIP AND CRIMP THE INDIVIDUAL WIRES.
- THE MC 25 PROCESSES WIRE FERRULE SIZES 20 AWG TO 14 AWG (0.5 TO 2.5 SQUARE MILLIMETERS) IN THE STANDARD LENGTH OF 8 MM.
- YOU CAN CHANGE THE CRIMP MECHANISM FOR THE SIZE OF THE FERRULES IN A MATTER OF SECONDS WITHOUT ANY ADDITIONAL TOOLS - SIMPLY SNAP IT IN AND IT IS READY TO GO.
- ALL THE CRIMP MECHANISMS NECESSARY ARE CLEARLY LAID OUT IN THE CASE PROVIDED.
- AN ADVANCED MICROPROCESSOR-CONTROLLED CAM DRIVE ENSURES RELIABLE OPERATION.
- THE WIRE FERRULES IN REEL FORM ARE FED VIA A DISPENSER FITTED TO THE RIGHT SIDE OF THE MACHINE FOR EASY HANDS FREE OPERATION.
- THE INSULATED FERRULES USED FOR THIS MACHINE COME IN 1000 PIECE OR 500 PIECE REELS (TAPED MOUNTED) PACKAGED IN A COMPACT CARDBOARD CASE AND ARE FED INTO THE MACHINE AUTOMATICALLY.
- THE MACHINE HAS AN INTEGRAL REEL HOLDER WHICH KEEPS THE FERRULES IN PLACE DURING OPERATION.
- VIDEO OF OPERATION AVAILABLE AT WWW.AMERICANELECTRICAL.COM.
- ONE YEAR WARRANTY—MUST USE AEI FERRULES. (BLADES AND NORMAL WEAR AND TEAR NOT COVERED.)

MC 25 TECHNICAL DATA

POWER SUPPLY:	120 VAC / 60 HZ
POWER CONSUMPTION:	80 VA
OPERATING RANGE:	20 - 14 AWG (0.5 - 2.5 MM ²)
WIRE FERRULES:	IN ACCORDANCE WITH DIN 46 228 PART 4 TAPE MOUNTED
CRIMP TYPE:	TRAPEZOIDAL
CYCLE:	1.5 SECONDS, APPROXIMATELY
CONTROL:	MICROPROCESSOR-CONTROLLED CAM DRIVE
UNIT COUNTER:	LCD DISPLAY
CHANGING CRIMP MECHANISM:	UNDER 10 SECONDS
DIMENSIONS (W X H X D):	6.5 X 10.6 X 12.6 INCHES (165 X 270 X 320 MM)
WEIGHT:	26 POUNDS (12 KG)

WIRE FERRULES ON REELS

FOR USE WITH MC 25

SIZE MM ²	LENGTH MM	PART NO.	COLOR CODE DIN	PART NO.	COLOR CODE T	PART NO.	COLOR CODE W	PIECES PER BOX
0.50	8	MC1050	WHITE	MC3050	WHITE	MC2050	ORANGE	1000
0.75	8	MC1075	GREY	MC3075	BLUE	MC2075	WHITE	1000
1.00	8	MC1100	RED	MC3100	RED	MC2100	YELLOW	1000
1.50	8	MC1150	BLACK	MC3150	BLACK	MC2150	RED	1000
2.50	8	MC1250	BLUE	MC3250	GREY	MC2250	BLUE	500

MC 40

AUTOMATIC PROCESSING OF WIRE FERRULES



MC 40 TECHNICAL DATA

CROSS-SECTION	0.5 – 1.5 MM ²
CYCLE TIME	1 S
CRIMP LENGTH	8 MM
POWER SUPPLY	230V / 50HZ (115V / 60HZ)
COMPRESSED AIR CONNECTION	60-90 PSI
DIMENSIONS (L X W X H)	15.9 X 9.5 X 19.29 INCHES (405 X 240 X 490 MM)
WEIGHT	63.9 POUNDS (29 KG)

* OPTIONAL ADD-ON KIT FOR PROCESSING CROSS-SECTIONS OF .25, .34, 2.5, & 4 MM²

MC 40L

EFFICIENT PROCESSING OF WIRE FERRULES



MC 40L TECHNICAL DATA

CROSS-SECTION	4 / 6 / 10 MM ²
CYCLE TIME	1.5 S
CRIMP LENGTH	10 MM (4 & 6 MM ²) & 12 MM (10 MM ²)
POWER SUPPLY	230V / 50HZ (115V / 60HZ)
COMPRESSED AIR CONNECTION	60-90 PSI
DIMENSIONS (L X W X H)	15.9 X 9.5 X 19.29 INCHES (405 X 240 X 490 MM)
WEIGHT	63.9 POUNDS (29 KG)

CS 60

WIRE STRIPPER



CS 60 TECHNICAL DATA

WORKING CROSS-SECTION	0.08 – 6 MM ² / AWG 32 – 10
MAX. CABLE DIAMETER	6 MM
STRIPPING LENGTH	3 – 20 MM
PARTIAL STRIPPING LENGTH	2 – 20 MM
FEED-IN LENGTH + STRIPPING LENGTH	15 MM + X
CYCLE TIME (FULL STRIP)	0.3 SEC
STRIPPING BLADE	V – FORM
POWER SUPPLY	230V / 50HZ (115V / 60 HZ)
DIMENSIONS (L X W X H)	14.29 X 5.5 X 8.7 INCHES (363 X 141 X 221 MM)
WEIGHT	21 POUNDS (9.5 KG)

EC 65

ELECTRIC CRIMPER



EC 65 TECHNICAL DATA

MAX. PRESS CAPACITY	10 KN
CYCLE TIME	1 S
POWER SUPPLY	230V / 50HZ (115V / 60HZ)
POWER CONSUMPTION	160 VA
WEIGHT	22 POUNDS (10 KG)
DIMENSIONS (L X W X H)	12.5 X 8.6 X 5.5 INCHES (320 X 220 X 140 MM)





FEATURES

HAND AND BENCH MODELS AVAILABLE
CRIMPING RANGE 24-8 AWG
OPERATES WITH PRESSURIZED AIR
EASY TO USE AND PORTABLE

PC 24 - 14 B

BENCH-CRIMPER - COMPLETE WITH PNEUMATIC FOOT PEDAL
TRAPEZOID CRIMPING
SIDE AND FRONT INSERTION
UNIVERSAL - DIE
RANGE 24-14 AWG (0.25-2.50 MM²)

LENGTH:	7.9 INCHES (200 MM)
WEIGHT:	35.2 OUNCES (1000 G)
PRESSURE:	58 PSI (4 BAR)

PC 24 - 14 H

HAND-CRIMPER
TRAPEZOID CRIMPING
SIDE AND FRONT INSERTION
UNIVERSAL - DIE
RANGE 24-14 AWG (0.25-2.50 MM²)

LENGTH:	7.9 INCHES (200 MM)
WEIGHT:	35.2 OUNCES (1000 G)
PRESSURE:	58 PSI (4 BAR)

PC 12 - 8 B

BENCH-CRIMPER - COMPLETE WITH PNEUMATIC FOOT PEDAL
TRAPEZOID CRIMPING
SIDE ENTRY
RANGE 12-8 AWG (4-10 MM²)

LENGTH:	7.9 INCHES (200 MM)
WEIGHT:	15.1 OUNCES (430 G)
PRESSURE:	58 PSI (4 BAR)

PC 12 - 8 H

HAND-CRIMPER
TRAPEZOID CRIMPING
SIDE ENTRY
RANGE 12-8 AWG (4-10 MM²)

LENGTH:	7.9 INCHES (200 MM)
WEIGHT:	15.1 OUNCES (430 G)
PRESSURE:	58 PSI (4 BAR)

ACCESSORY EQUIPMENT:

PC - 1	BALANCER
PC - 2	MAGNETIC TOOL HOLDER

LC 100, AUTOMATIC WIRE CUTTER

FEATURES

CUTS 28 – 8 AWG WIRES
WEIGHS ONLY 25 LBS.
1 YEAR WARRANTY
FULLY PROGRAMMABLE, LENGTH AND NUMBER OF CUTS

TECHNICAL DATA

DIMENSIONS	7.6 x 11.8 x 8.9"
WEIGHT	24.3 POUNDS
CUTTING CAPACITY	
FINE WIRE	0.08 – 10 MM ² , 28 – 8 AWG
SINGLE WIRE	0.08 – 2.5 MM ² , 28 – 8 AWG
MAX DIAMETER	8 MM
FEED SPEED	MAX 0.5 M/S, 20"/SECOND
UNIT OF MEASURE	MM AND INCHES
INTERFACE	RS232
CROSS SECTION SETTING	AUTOMATIC





DIN RAIL

WE OFFER A COMPLETE LINE OF SLOTTED OR SOLID DIN RAIL – 35MM X 15MM, 35MM X 7.5MM) IN 1 OR 2 METER LENGTHS. DIN RAIL MOUNTS IN A VARIETY OF ENCLOSURES AND JUNCTION BOXES.

DIN RAIL SAVES SPACE SINCE IT ORGANIZES TERMINALS IN A SET PATTERN. DIN RAIL SAVES TIME SINCE MANY OTHER CONTROL COMPONENTS CAN BE MOUNTED ON THE SAME RAIL – NO COMPONENTS ARE DIRECT MOUNTED – ULTIMATELY SAVING OUR CUSTOMERS MONEY.

OUR DIN RAIL IS MADE OF STEEL AND ZINC PLATED FINISH, WHICH IS THE INDUSTRY STANDARD AND ALSO ROHS COMPLIANT. AS ALWAYS, OUR RAILS ARE NOT MARKED WITH A COMPANY NAME AND ARE CE APPROVED.



DIN RAIL STEEL

FEATURES

STEEL DESIGN
ZINC PLATING, WHITE
2 METER LENGTH
COMPETITIVE PRICING

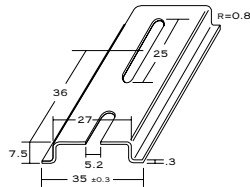
INDUSTRY STANDARD MATERIALS
CE APPROVED
NO MARKINGS ON RAIL



SLOTTED



35 MM X 7.5 MM
SLOTTED
STANDARD PACK: 40

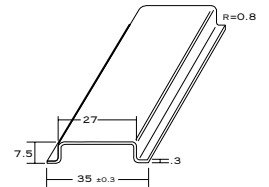


TS3575SL
TS3575SL1

SOLID



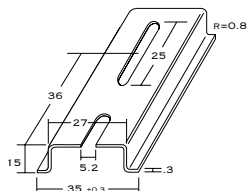
35 MM X 7.5 MM
SOLID
STANDARD PACK: 40



TS3575SOL



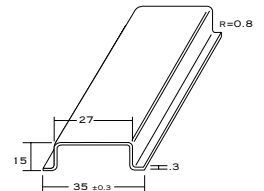
35 MM X 15 MM
SLOTTED
STANDARD PACK: 20



TS3515SL



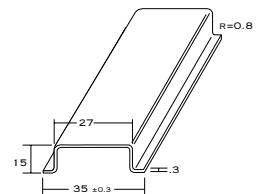
35 MM X 15 MM
SOLID
STANDARD PACK: 20



TS3515SOL



35 MM X 15 MM
SOLID
STANDARD PACK: 20



TS3515SOLH

DIN RAIL CROSS REFERENCE

AMERICAN ELECTRICAL	TS3575SL	TS3575SOL	TS3515SL	TS3515SOL	TS3515SOLH
ENTRELEC	173220.05	174300.17	101598.26	168700.22	168500.12
PHOENIX CONTACT	801733	801681	1201730	1201717	—
WAGO	210-112	210-113	210-197	210-114	210-118
WEIDMULLER	51450	38340	23650	23640	49800
WIELAND	98.300.10000.0	98.300.10000.0	98.300.10000.0	98.300.10000.0	98.300.10000.0



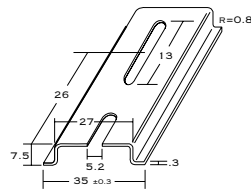
DIN RAIL ALUMINUM

FEATURES

LIGHTWEIGHT ALUMINUM
1 METER LENGTH
COMPETITIVE PRICING

STANDARD PACK OF 40
NO MARKINGS ON RAIL

35 MM X 7.5 MM
SLOTTED
STANDARD PACK: 40



TS3575SL1-A

DIN RAIL CUTTER

TS 3 CUT

FEATURES

CUTS 35X15, 35X7.5 AND 15MM DIN RAIL
NO DEBURRING NECESSARY. CLEAN CUTS
LITTLE FORCE REQUIRED FOR OPERATION
FAST, ACCURATE CUTS
INTEGRATED 1 METER MEASURING STICK INCLUDED



TECHNICAL DATA

LENGTH STOP: MAX. 1000 MM
DIMENSIONS: 1090 (L) X 150 (W) X 760 (D) MM
43 (L) X 6 (W) X 30 (D) INCHES
WEIGHT: 18 LBS, 8.3 KG



DIN RAIL MOUNTED POWER SUPPLIES

AMERICAN ELECTRICAL HAS TWO LINES OF DIN RAIL POWER SUPPLIES TO CHOOSE FROM. ALL ARE 120VAC IN AND 24VDC OUT (OTHER VOLTAGE OUTPUTS MAY BE ORDERED, PLEASE CALL US). WE ALSO HAVE 3-PHASE POWER SUPPLIES UP TO 480VAC IN AND 24VDC OUT.

ALL POWER SUPPLIES ARE UL LISTED AND EMI/RFI APPROVED.





45 WATTS, 1.875 AMPS, 24VDC

FEATURES

UL508 LISTED
INSTALLS EASILY ON DIN RAIL TS35 x 7.5 AND 15MM
FIXED SWITCHING FREQUENCY AT 100KHZ
LED POWER ON INDICATOR
FREE AIR CONVECTION COOLING
100% FULL LOAD BURN-IN TEST
1 YEAR WARRANTY

TECHNICAL DATA

PART NUMBER	DR-45-24
AC INPUT VOLTAGE RANGE	85 – 265VAC; 120-370VDC
DC ADJUSTMENT RANGE	±10% RATED OUTPUT VOLTAGE
OVER LOAD PROTECTION	105% - 150% CONSTANT CURRENT LIMITING, AUTO RECOVERY
OVER VOLTAGE PROTECTION	115% - 135% RATED OUTPUT VOLTAGE
SETUP, RISE, HOLD UP TIME	800MS, 60MS, 50MS AT FULL LOAD AND 230VAC
WITHSTAND VOLTAGE	I/P-O/P:3KVAC, I/P-FG:1.5KVAC, 1 MINUTE
WORKING TEMPERATURE	0 - 45°C@100%, -10°C@80%, 50°C@80% LOAD
SAFETY STANDARDS	UL508, TUV EN60950 1 APPROVED
EMC STANDARDS	EN55022 CLASS B, EN61000-3-2,3 EN61000-6-2, EN61000-4-2,3,4,5,6,8,11
ENV50204	
CONNECTION	I/P: 3 POLES, O/P: 4 POLES SCREW DIN TERMINAL
DIMENSIONS	78 X 93 X 67MM



75 WATTS, 3.125 AMPS, 24VDC

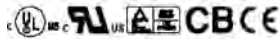
FEATURES

UL508 LISTED
INSTALLS EASILY ON DIN RAIL TS35 x 7.5 AND 15MM
FIXED SWITCHING FREQUENCY AT 50KHZ
LED POWER ON INDICATOR
FREE AIR CONVECTION COOLING
100% FULL LOAD BURN-IN TEST
1 YEAR WARRANTY

TECHNICAL DATA

PART NUMBER	DR-75-24
AC INPUT VOLTAGE RANGE	85 – 265VAC; 120-370VDC
DC ADJUSTMENT RANGE	12V: 12-14V, 24V: 24-28V, 48V: 48-53V
OVER LOAD PROTECTION	105% - 150% CONSTANT CURRENT LIMITING, AUTO RECOVERY
OVER VOLTAGE PROTECTION	121% - 142% RATED OUTPUT VOLTAGE
SETUP, RISE, HOLD UP TIME	1000MS, 60MS, 50MS AT FULL LOAD AND 230VAC
WITHSTAND VOLTAGE	I/P-O/P:3KVAC, I/P-FG:1.5KVAC, 1 MINUTE
WORKING TEMPERATURE	-10°C – 60°C
SAFETY STANDARDS	UL508, TUV EN60950 1 APPROVED
EMC STANDARDS	EN55022 CLASS B, EN61000-3-2,3 EN61000-6-2, EN61000-4-2,3,4,5,6,8,11
ENV50204	
CONNECTION	I/P: 3 POLES, O/P: 4 POLES SCREW DIN TERMINAL
DIMENSIONS	55.5 X 125.2 X 100MM





120 WATTS, 5 AMPS, 24VDC

FEATURES

AC INPUT SELECTED BY SWITCH
 INSTALLS EASILY ON DIN RAIL TS35 X 7.5 AND 15MM
 FIXED SWITCHING FREQUENCY AT 55KHZ
 LED POWER ON INDICATOR
 FREE AIR CONVECTION COOLING
 100% FULL LOAD BURN-IN TEST
 1 YEAR WARRANTY

TECHNICAL DATA

PART NUMBER	DR-120-24
AC INPUT VOLTAGE RANGE	88 – 132VAC; 176 - 264VAC SELECTED BY SWITCH
DC ADJUSTMENT RANGE	12V: 12-14V, 24V: 24-28V, 48V: 48-53V
OVER LOAD PROTECTION	105% - 150% CONSTANT CURRENT LIMITING, AUTO RECOVERY
OVER VOLTAGE PROTECTION	120% - 140% RATED OUTPUT VOLTAGE
SETUP, RISE, HOLD UP TIME	500MS, 70MS, 30MS AT FULL LOAD AND 230VAC
WITHSTAND VOLTAGE	I/P-O/P:3KVAC, I/P-FG:1.5KVAC, 1 MINUTE
WORKING TEMPERATURE	-10°C – 60°C
SAFETY STANDARDS	UL508, UL60950-1, TUV EN60950 1 APPROVED
EMC STANDARDS	EN55022 CLASS B, EN61000-3-2,3 EN61000-6-2, EN61000-4-2,3,4,5,6,8,11
ENV50204	
CONNECTION	I/P: 3 POLES, O/P: 4 POLES SCREW DIN TERMINAL
DIMENSIONS	65.5 X 125.2 X 100MM



240 WATTS, 10 AMPS, 24VDC

FEATURES

- UNIVERSAL AC INPUT/FULL RANGE
- PF>0.98@115VAC, >0.95@230VAC
- INSTALLS EASILY ON DIN RAIL TS35 X 7.5 AND 15MM
- FIXED SWITCHING FREQUENCY AT 100KHZ
- LED POWER ON INDICATOR
- FREE AIR CONVECTION COOLING
- 100% FULL LOAD BURN-IN TEST
- 1 YEAR WARRANTY

TECHNICAL DATA

PART NUMBER	DRP-240-24
AC INPUT VOLTAGE RANGE	85 – 264VAC; 120 – 370VDC
DC ADJUSTMENT RANGE	24V: 24-28V
OVER LOAD PROTECTION	105% - 150% CONSTANT CURRENT LIMITING, AUTO RECOVERY
OVER VOLTAGE PROTECTION	30 – 36V
SETUP, RISE, HOLD UP TIME	800MS, 40MS, 20MS AT FULL LOAD AND 230VAC
WITHSTAND VOLTAGE	I/P-O/P:3KVAC, I/P-FG:1.5KVAC, 1 MINUTE
WORKING TEMPERATURE	-10°C – 55°C@100%, 70°C@60% LOAD
SAFETY STANDARDS	UL508, UL60950-1, TUV EN60950 1 APPROVED
EMC STANDARDS	EN55022 CLASS B, EN61000-3-2,3 EN61000-6-2, EN61000-4-2,3,4,5,6,8,11
ENV50204	
CONNECTION	I/P: 3 POLES, O/P: 4 POLES SCREW DIN TERMINAL
DIMENSIONS	125.5 X 125.2 X 100MM



240 WATTS THREE PHASE, 10 AMPS, 24VDC

FEATURES

INPUT 340-550VAC, 3 PHASE 4 WIRES
HIGH EFFICIENCY AND LOW DISSIPATION
INSTALLS EASILY ON DIN RAIL TS35 X 7.5 AND 15MM
EN61000-6-2 INDUSTRIAL IMMUNITY LEVEL
FREE AIR CONVECTION COOLING
100% FULL LOAD BURN-IN TEST
1 YEAR WARRANTY

TECHNICAL DATA

PART NUMBER	DRT-240-24
AC INPUT VOLTAGE RANGE	340 – 550VAC; 3 PHASE 4 WIRES (DUAL OPERATION POSSIBLE)
DC ADJUSTMENT RANGE	24V: 24-28V
OVER LOAD PROTECTION	105% - 150% CONSTANT CURRENT LIMITING, AUTO RECOVERY
OVER VOLTAGE PROTECTION	30 – 36V
OVER TEMP. PROTECTION	SHUT DOWN OUTPUT VOLTAGE, RECOVERS AUTO
WITHSTAND VOLTAGE	I/P-O/P:3KVAC, I/P-FG:1.5KVAC, 1 MINUTE
WORKING TEMPERATURE	-20°C – 70°C
SAFETY STANDARDS	UL508, UL60950-1, TUV EN60950 1 APPROVED
EMC STANDARDS	EN55022 CLASS B, EN61000-3-2,3, EN61204-3 EN61000-6-2, EN61000-4-2,3,4,5,6,8,11 ENV50204
CONNECTION	I/P: 3 POLES, O/P: 4 POLES SCREW DIN TERMINAL
DIMENSIONS	125.5 X 125.2 X 100MM



480 WATTS THREE PHASE, 20 AMPS, 24VDC

FEATURES

INPUT 340-550VAC, 3 PHASE 4 WIRES
HIGH EFFICIENCY UP TO 90%
INSTALLS EASILY ON DIN RAIL TS35 X 7.5 AND 15MM
EN61000-6-2 INDUSTRIAL IMMUNITY LEVEL
FREE AIR CONVECTION COOLING
100% FULL LOAD BURN-IN TEST
1 YEAR WARRANTY

TECHNICAL DATA

PART NUMBER	DRT-480-24
AC INPUT VOLTAGE RANGE	340 – 550VAC; 3 PHASE 4 WIRES (DUAL OPERATION POSSIBLE)
DC ADJUSTMENT RANGE	24V: 24-28V
OVER LOAD PROTECTION	105% - 150% CONSTANT CURRENT LIMITING, AUTO RECOVERY
OVER VOLTAGE PROTECTION	30 – 36V, AC RECYCLE TO RESTART
OVER TEMP. PROTECTION	SHUT DOWN OUTPUT VOLTAGE, RECOVERS AUTO
WITHSTAND VOLTAGE	I/P-O/P:3KVAC, I/P-FG:1.5KVAC, O/P-FG: 0.5KVAC, 1 MINUTE
WORKING TEMPERATURE	-20°C – 70°C
SAFETY STANDARDS	UL508, UL60950-1, TUV EN60950 1 APPROVED
EMC STANDARDS	EN55022 CLASS B, EN61000-3-2,3, EN61204-3 EN61000-6-2, EN61000-4-2,3,4,5,6,8,11 ENV50204
CONNECTION	I/P: 3 POLES, O/P: 4 POLES SCREW DIN TERMINAL
DIMENSIONS	227 X 125.2 X 100MM



FEATURES

WIDE RANGE	COMPACT HOUSING 20A, 3PH ONLY 3.39 INCHES LONG
OUTPUT	HORIZONTAL MOUNTING UP TO 40A, 3 PHASE 24V / 1.25 TO 20A - SINGLE PHASE 24V / 10, 20, AND 40A - 3 PHASE
UNIVERSAL INPUT	115 / 230 VAC 3 X 340 / 550 VAC
LOAD SHARING	PARALLEL OPERATION REDUNDANCY
HIGH EFFICIENCY	TYPICAL 90%
INCREASED OPERATING TEMPERATURE	100% AT 140°F
STATUS INDICATION	POWER ON INDICATION OVERLOAD STATUS LED
TOUCH SAFE POWER ENTRY	COVERED POWER ENTRY CONVENIENT CUSTOMER INPUT TERMINALS
APPROVALS	UL / CSA AND EN 60950 EMC CERTIFIED



30 WATTS, 1.25 AMPS, 24VDC

TECHNICAL DATA SLIMLINE

PART NUMBER	F2400125
AC INPUT VOLTAGE	115*/230
PHASE	1
DC OUTPUT VOLTAGE	24
OUTPUT CURRENT (AMPS)	1.25
POWER (WATTS)	30
DIMENSIONS (INCHES)	1.77 X 12.83 X 4.13



120 WATTS, 5 AMPS, 24VDC

TECHNICAL DATA SLIMLINE

PART NUMBER	F240050S
AC INPUT VOLTAGE	115*/230
PHASE	1
DC OUTPUT VOLTAGE	24
OUTPUT CURRENT (AMPS)	5
POWER (WATTS)	120
DIMENSIONS (INCHES)	2.76 X 5.2 X 5.47



240 WATTS, 10 AMPS, 24VDC

TECHNICAL DATA SLIMLINE

PART NUMBER	F24010S
AC INPUT VOLTAGE	115*/230
PHASE	1
DC OUTPUT VOLTAGE	24
OUTPUT CURRENT (AMPS)	10
POWER (WATTS)	240
DIMENSIONS (INCHES)	2.76 X 5.81 X 6.46



* INDICATES STANDARD VOLTAGE INPUTS



DIN RAIL MOUNTED POWER SUPPLIES

240 WATTS, 10 AMPS, 24VDC

TECHNICAL DATA SLIMLINE 3 PHASE

PART NUMBER	F24010S-3
AC INPUT VOLTAGE	3x 340-550
PHASE	3
DC OUTPUT VOLTAGE	24
OUTPUT CURRENT (AMPS)	10
POWER (WATTS)	240
DIMENSIONS (INCHES)	3.18 X 6.02 X 6.29



480 WATTS, 20 AMPS, 24VDC

TECHNICAL DATA SLIMLINE 3 PHASE

PART NUMBER	F24020S-3
AC INPUT VOLTAGE	3x 340-550
PHASE	3
DC OUTPUT VOLTAGE	24
OUTPUT CURRENT (AMPS)	20
POWER (WATTS)	480
DIMENSIONS (INCHES)	3.99 X 8.94 X 6.81



60 WATTS, 2.5 AMPS, 24VDC

TECHNICAL DATA HORIZONTAL

PART NUMBER	F240025
AC INPUT VOLTAGE	115*/230
PHASE	1
DC OUTPUT VOLTAGE	24
OUTPUT CURRENT (AMPS)	2.5
POWER (WATTS)	60
DIMENSIONS (INCHES)	4.25 X 4.84 X 2.56



120 WATTS, 5 AMPS, 24VDC

TECHNICAL DATA HORIZONTAL

PART NUMBER	F240050
AC INPUT VOLTAGE	115*/230
PHASE	1
DC OUTPUT VOLTAGE	24
OUTPUT CURRENT (AMPS)	5
POWER (WATTS)	120
DIMENSIONS (INCHES)	5.79 X 4.84 X 3.39



* INDICATES STANDARD VOLTAGE INPUTS

DIN RAIL MOUNTED POWER SUPPLIES



240 WATTS, 10 AMPS, 24VDC

TECHNICAL DATA HORIZONTAL

PART NUMBER	F24010
AC INPUT VOLTAGE	115*/230
PHASE	1
DC OUTPUT VOLTAGE	24
OUTPUT CURRENT (AMPS)	10
POWER (WATTS)	240
DIMENSIONS (INCHES)	8.07 X 4.84 X 3.39



480 WATTS, 20 AMPS, 24VDC

TECHNICAL DATA HORIZONTAL

PART NUMBER	F24020
AC INPUT VOLTAGE	195-265
PHASE	1
DC OUTPUT VOLTAGE	24
OUTPUT CURRENT (AMPS)	20
POWER (WATTS)	480
DIMENSIONS (INCHES)	9.45 X 6.02 X 3.39



480 WATTS, 20 AMPS, 24VDC

TECHNICAL DATA HORIZONTAL 3 PHASE

PART NUMBER	F24020-3
AC INPUT VOLTAGE	3X 340-550
PHASE	3
DC OUTPUT VOLTAGE	24
OUTPUT CURRENT (AMPS)	20
POWER (WATTS)	480
DIMENSIONS (INCHES)	9.45 X 6.02 X 3.39



960 WATTS, 40 AMPS, 24VDC

TECHNICAL DATA HORIZONTAL 3 PHASE

PART NUMBER	F24040-3
AC INPUT VOLTAGE	3X 340-550
PHASE	3
DC OUTPUT VOLTAGE	24
OUTPUT CURRENT (AMPS)	40
POWER (WATTS)	960
DIMENSIONS (INCHES)	11.5 X 7.28 X 5.12

* INDICATES STANDARD VOLTAGE INPUTS



DIN RAIL MOUNTED GFCI



DIN 120 GFCI

FEATURES

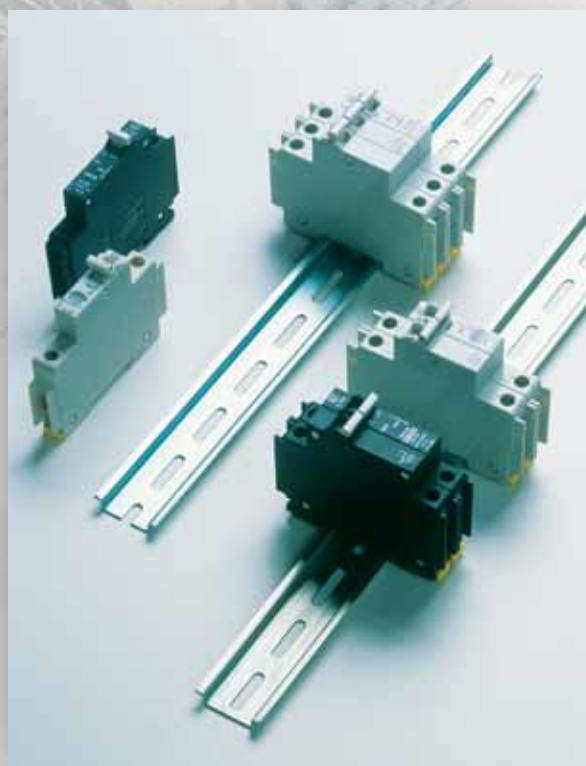
DUAL 120V AC RECEPTACLE, DIN RAIL MOUNTED
3 FOOT, HOT/NEUTRAL/GROUND CABLE
GREEN LED FOR POWER ON INDICATION
CURRENT RATING, 20 A
GROUND FAULT CIRCUIT PROTECTION WITH RESET
DIN RAIL & DIRECT MOUNTABLE
STANDARD RECEPTACLE SIZE
ALL COMPONENTS UL APPROVED

DIN RAIL MOUNTED CIRCUIT BREAKERS

AEI CARRIES A 13MM WIDE CIRCUIT BREAKER, THE THINNEST DIN RAIL MOUNTED ON THE MARKET. WE HAVE THREE TYPES OF BREAKERS. FOR AC CIRCUITRY WE HAVE UL 1077 AND UL 489 (UL LISTED) RATED BREAKERS. FOR DC CIRCUITS WE HAVE A UL 489 A RATED BREAKER.

POLE COUNT AND MAX. AMPERAGE IS GIVEN BELOW:

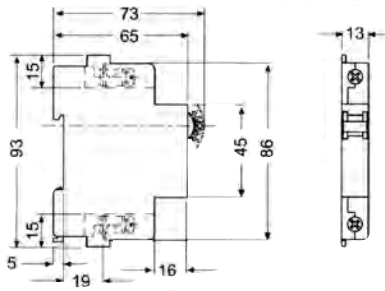
CIRCUIT	TYPE	MAX. POLES	MAX. AMPS
AC	UL 1077	3	50
AC	UL 489	2	25
DC	UL 489 A	1	50





DIN RAIL MOUNTED CIRCUIT BREAKERS

UL 1077 RATED (AC VOLTAGE SUPPLEMENTAL CIRCUIT PROTECTION)



FEATURES

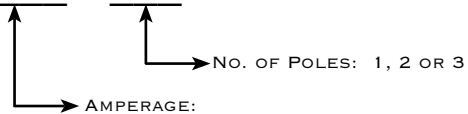
UL 1077 APPROVED
DIN RAIL MOUNTED
COMPACT 13 MM WIDTH
ONE, TWO & THREE POLE
CURRENT RATING UP TO 50 A
100% RATING CAPABILITY
HYDRAULIC-MAGNETIC TECHNOLOGY
TRIP CURVE 2 STANDARD

TECHNICAL DATA

NUMBERS OF POLES	1, 2 & 3
MAXIMUM VOLTAGE	277/480VAC 50/60 HZ
MINIMUM AMP RATING	1 AMP
MAXIMUM AMP RATING	50 AMP
INTERRUPTING CAP.	5000A @ 120V 1000A @ 277V 1000A @ 480V
DIELECTRIC STRENGTH	1960V 50/60 HZ
INSULATION RESISTANCE	100 MEGA OHM
OPERATING TEMP. RANGE	-40°C TO +60°C

PART NUMBERING SYSTEM

C _ A _ P

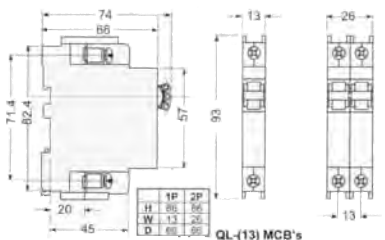


E.G., 1 FOR 1 AMP, 15 FOR 15 AMP, ETC.

EXAMPLE: C10A1P = 10A SINGLE POLE CIRCUIT BREAKER



UL 489 RATED (AC VOLTAGE BRANCH CIRCUIT PROTECTION)



FEATURES

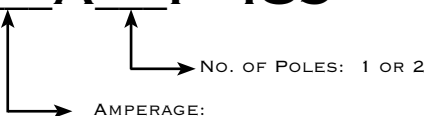
UL 489 APPROVED
DIN RAIL MOUNTED
COMPACT 13 MM WIDTH
ONE & TWO POLE ONLY
CURRENT RATING UP TO 25 A
100% RATING CAPABILITY
HYDRAULIC-MAGNETIC TECHNOLOGY
TRIP CURVE KM STANDARD

TECHNICAL DATA

NUMBERS OF POLES	1 AND 2 POLE ONLY
MAXIMUM VOLTAGE	120/240VAC 50/60 HZ
MINIMUM AMP RATING	1 AMP
MAXIMUM AMP RATING	25 AMP
INTERRUPTING CAP.	10,000 A
DIELECTRIC STRENGTH	1500V 50/60 HZ
INSULATION RESISTANCE	100 MEGA OHM
OPERATING TEMP. RANGE	-40°C TO +60°C

PART NUMBERING SYSTEM

C _ A _ P-489



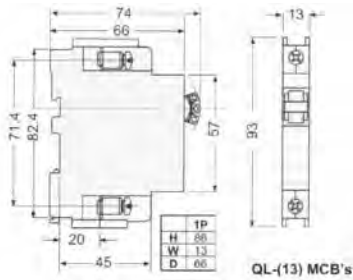
E.G., 1 FOR 1 AMP, 15 FOR 15 AMP, ETC.

EXAMPLE: C10A1P = 10A SINGLE POLE CIRCUIT BREAKER



DIN RAIL MOUNTED CIRCUIT BREAKERS

UL 489A RATED (DC VOLTAGE BRANCH CIRCUIT PROTECTION)



FEATURES

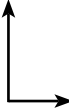
UL 489A
DIN RAIL MOUNTED
COMPACT 13 MM WIDTH
ONE POLE ONLY
CURRENT RATING UP TO 50 A
100% RATING CAPABILITY
HYDRAULIC-MAGNETIC TECHNOLOGY
TRIP CURVE U2 STANDARD

TECHNICAL DATA

NUMBERS OF POLES	1 ONLY
MAXIMUM VOLTAGE	80 VDC
MINIMUM AMP RATING	1 AMP
MAXIMUM AMP RATING	50 AMP
INTERRUPTING CAP.	10,000A
DIELECTRIC STRENGTH	1500V 50/60 Hz
INSULATION RESISTANCE	100 MEGA OHM
OPERATING TEMP. RANGE	-40°C TO +60°C

PART NUMBERING SYSTEM

C A1P-80VDC



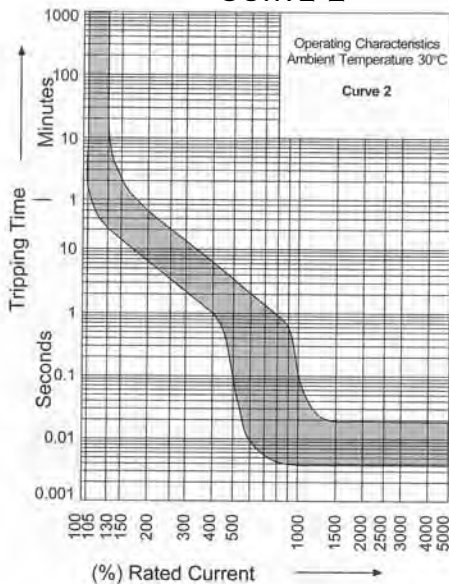
AMPERAGE:

E.G., 1 FOR 1 AMP, 15 FOR 15 AMP, ETC.

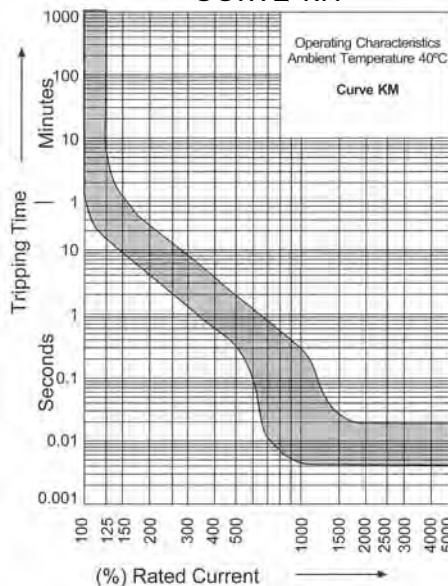
EXAMPLE: C10A1P-80VDC = 10A UL489A RATED CB

TRIP CURVE

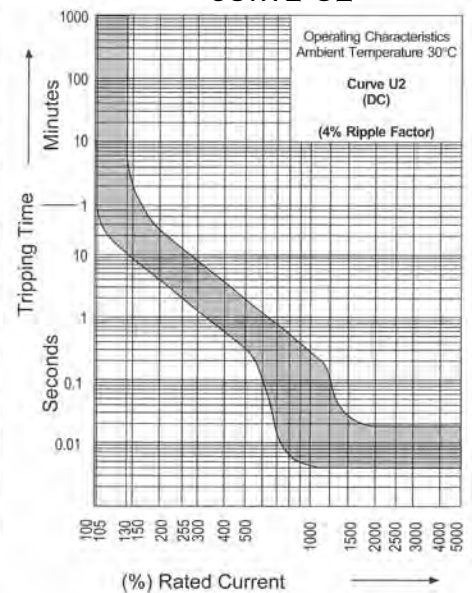
UL 1077 RATED
CURVE 2



UL 489 RATED
CURVE KM



UL 489A RATED
CURVE U2



TRIP CURVE 3 AND TRIP CURVE 9 AVAILABLE AT WWW.AMERICANELECTRICAL.COM.

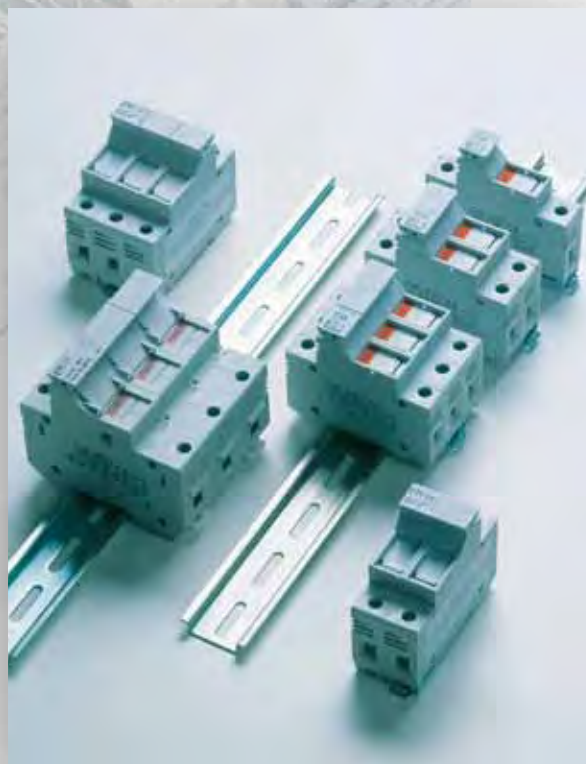


DIN RAIL MOUNTED FUSE HOLDERS

APPLICATIONS REQUIRING CIRCUIT PROTECTION ARE OFTEN SPECIFIED WITH FUSES INSTEAD OF CIRCUIT BREAKERS. AEI OFFERS FUSE HOLDERS CAPABLE OF PROTECTING CIRCUITS UTILIZING THE FOUR MAIN STYLES OF FUSES:

- 5X20MM AND 5X25MM (SEE PAGES 44, 45, 46, 47, 86, 87)
- 1 1/4"X1/4" (SEE PAGES 48, 49, 88, 89)
- 1 1/2"X1 3/32" (SEE NEXT SECTION)
- 2"X1/2"(14X51MM) (SEE NEXT SECTION)

ALL OF THE ABOVE ARE AVAILABLE IN STANDARD FUSE BLOCKS OR WITH "FUSE BLOWN" INDICATION 24VDC AND 110VAC CIRCUITS.



DIN RAIL MOUNTED FUSE HOLDERS

FOR 1.5" X 13/32" (10 X 38 MM) FUSES

CLASS CC RATED



ASK 4

FEATURES

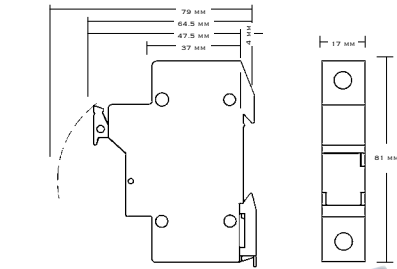
DIN RAIL MOUNTABLE
BOTH INDICATING AND NON INDICATING AVAILABLE
COMPACT AT 17MM WIDTH

TECHNICAL DATA

NUMBERS OF POLES	1, 2 & 3
VOLTAGE	50-600V
AMPS	32 AMP
WIRE SIZE AWG	26...6

PART NUMBERING SYSTEM

NO. OF POLES	INDICATOR TYPE	PART NUMBER
1	NON-INDICATING	2541000
2	NON-INDICATING	2543000
3	NON-INDICATING	2544000
1	WITH INDICATOR	2541100
2	WITH INDICATOR	2543100
3	WITH INDICATOR	2544100



DIN RAIL MOUNTED FUSE HOLDERS

FOR 2" X 1/2" (14 X 51 MM) FUSES



ASK 6

FEATURES

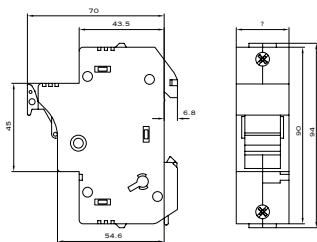
DIN RAIL MOUNTABLE
BOTH INDICATING AND NON INDICATING AVAILABLE

TECHNICAL DATA

NUMBERS OF POLES	1, 2 & 3
VOLTAGE	600V
AMPS	50 AMP
WIRE SIZE AWG	26...6

PART NUMBERING SYSTEM

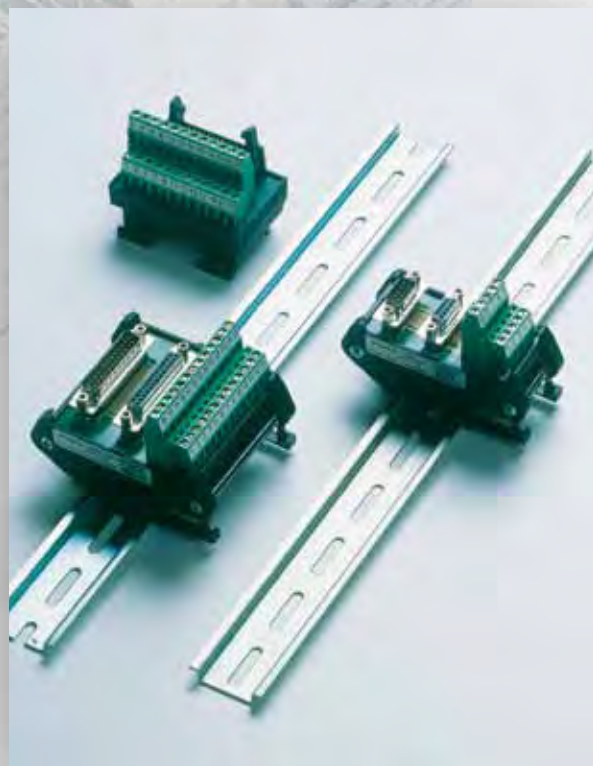
NO. OF POLES	INDICATOR TYPE	PART NUMBER
1	NON-INDICATING	2561000
2	NON-INDICATING	2563000
3	NON-INDICATING	2564000
1	WITH INDICATOR	2561100
2	WITH INDICATOR	2563100
3	WITH INDICATOR	2564100





DIN RAIL MOUNTED INTERFACE MODULES

THE AEI INTERFACE MODULES ARE AVAILABLE WITH D-SUBMINIATURE OR IDC CONNECTORS. THESE INTERFACE MODULES ALLOW THE USERS TO ATTACH FIELD WIRING AND “PLUG AND PLAY” THE INTERFACE MODULE TO THE CONTROLLER. OUR D-SUB MODULES COME WITH BOTH MALE AND FEMALE CONNECTORS AND IDC COME WITH MALE ONLY. WE ALSO OFFER TWO METER CABLES TO COMPLEMENT THE DESIGN.



DIN RAIL MOUNTED INTERFACE MODULES

D-SUB

MODULES ARE DESIGNED WITH MALE AND FEMALE CONNECTORS, 9, 15 OR 25 PIN OPTIONS.

FEATURES

MAXIMUM CURRENT: 1 A
WIRE RANGE: 22 - 14 AWG
OPERATING TEMPERATURE: -10°C TO 50°C



TECHNICAL DATA - D-SUB

PART NUMBER	DSUB-9-MF	DSUB-15-MF	DSUB-25-MF
NUMBER OF CHANNELS	9	15	25
DIMENSIONS	1.53 x 2.48 x 3.66" (39 x 63 x 93MM)	1.93 x 2.48 x 3.66" (49 x 63 x 93MM)	2.87 x 2.48 x 3.66" (73 x 63 x 93MM)

CABLES - D-SUB (CONNECTORS ON BOTH ENDS)

PART NUMBER	DSUB-9-MF-CBL	DSUB-15-MF-CBL	DSUB-25-MF-CBL
CABLE LENGTH	2 METERS	2 METERS	2 METERS
INSULATION RATING	300V 80°C	300V 80°C	300V 80°C
CONDUCTOR SIZE	#28 AWG	#28 AWG	#28 AWG

IDC

FEATURES

MAXIMUM VOLTAGE: 600V
MAXIMUM CURRENT: 2 A
WIRE RANGE: 22 - 14 AWG

CONTACTS: COPPER ALLOY, TIN LEAD PLATING
TIGHTENING TORQUE: 3.5 LB-IN (0.4NM)
OPERATING TEMPERATURE: -10°C TO 50°C



TECHNICAL DATA - IDC

PART NUMBER	IDC-20-M	IDC-24-M	IDC-40-M
NUMBER OF PINS	20	24	40
DIMENSIONS	2.26 x 1.85 x 2.17" (57.5 x 47 x 55MM)	2.72 x 1.85 x 2.17" (69 x 47 x 55MM)	4.47 x 1.85 x 2.17" (113.5 x 47 x 55MM)

CABLES - IDC (CONNECTORS ON ONE END)

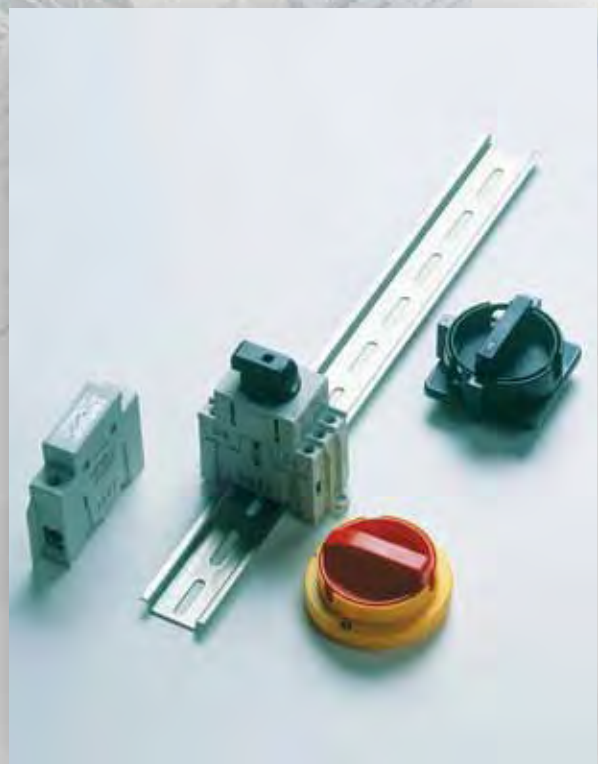
PART NUMBER	IDC-20-M-CBL	IDC-24-M-CBL	
CABLE LENGTH	2 METERS	2 METERS	
INSULATION RATING	300V 80°C	300V 80°C	
CONDUCTOR SIZE	#24 AWG	#24 AWG	



DIN RAIL MOUNTED DISCONNECT SWITCHES

AEI HAS TWO SERIES OF DISCONNECT SWITCHES, RANGING FROM 16 A TO 125 A. ISOLATION OF CONTROL EQUIPMENT IS AN IMPORTANT DESIGN CONSIDERATION. OUR DISCONNECT SWITCHES CAN PROVIDE ISOLATION AND LOCK OUT POINTS FOR POWER SUPPLIES, TRANSFORMERS, SMALL MOTORS OR ANY OTHER TYPES OF CONTROLS.

ACCESSORIES, SUCH AS AUXILIARY CONTACTS ARE USED TO ELECTRICALLY INDICATE THE SWITCH POSITION. REMOTE OPERATION SHUT OFFS AND HANDLES ARE OFFERED FOR THOSE DESIGNS THAT ARE THROUGH -PANEL.



DIN RAIL MOUNTED DISCONNECT SWITCHES

SD1 SERIES

FEATURES

16-40 AMPS

ALLOWS BREAKING AND DISCONNECTING ON
LOAD OF EQUIPMENT ON LOW VOLTAGE
AT NOMINAL CURRENT



PART NUMBER					
	BLACK	19200-11	19201-11	19202-11	19203-11
	RED	19210-11	19211-11	19212-11	19213-11
RATED CURRENT					
		16 A	25 A	32 A	40 A
MAX VOLTAGE					
		600 V	600 V	600 V	600 V
SHORT CIRCUIT RATING					
		5 kA	5 kA	5 kA	5 kA
MAXIMUM UL HORSEPOWER 3-PHASE (120V)					
		3	3	3	3
WIRE RANGE					
		16 - 6 AWG	16 - 6 AWG	16 - 6 AWG	16 - 6 AWG
TIGHTENING TORQUE					
		2 NM	2 NM	2 NM	2 NM

SD1 SERIES ACCESSORIES

PART NUMBER	DESCRIPTION
19440	CONNECTOR 6-8 POLE
19400-11	DOOR INTERLOCK HANDLE BLACK
19401-11	EMERGENCY DOOR INTERLOCK HANDLE RED/YELLOW
19535-100	REMOTE OPERATOR SHAFT 100MM LENGTH
19535-200	REMOTE OPERATOR SHAFT 200MM LENGTH
19535-300	REMOTE OPERATOR SHAFT 300MM LENGTH
19414*	SD1 4TH POLE
19423*	SD1 AUX CONTACT SPST
19421*	SD1 GROUND POLE
19419*	SD1 NEUTRAL POLE

*THESE MODULES INTEGRATE WITH THE DISCONNECT SWITCH. THEY ARE SEPARATE COMPONENTS THAT SCREW INTO THE MAIN SWITCHES FOR ADDITIONAL APPLICATIONS.



DIN RAIL MOUNTED DISCONNECT SWITCHES

SD-2 SERIES

FEATURES

63-125A

ALLOW BREAKING AND DISCONNECTING
ON LOAD OF EQUIPMENT ON LOW VOLTAGE
AT NOMINAL CURRENT



PART NUMBER				
	BLACK	19205-11	19206-11	19207-11
	RED	19215-11	19216-11	19217-11
RATED CURRENT				
		63 A	80 A	100 A
MAX VOLTAGE				
		600 V	600 V	600 V
SHORT CIRCUIT RATING				
		5 kA	5 kA	5 kA
MAXIMUM UL HORSEPOWER 3-PHASE (120V)				
		5	5	5
WIRE RANGE				
		6 - 1 AWG	6 - 1 AWG	6 - 1 AWG
TIGHTENING TORQUE				
		3.5 Nm	3.5 Nm	3.5 Nm

SD2 SERIES ACCESSORIES

PART NUMBER	DESCRIPTION
19440	CONNECTOR 6-8 POLE
19400-11	DOOR INTERLOCK HANDLE BLACK
19401-11	EMERGENCY DOOR INTERLOCK HANDLE RED/YELLOW
19535-100	REMOTE OPERATOR SHAFT 100MM LENGTH
19535-200	REMOTE OPERATOR SHAFT 200MM LENGTH
19535-300	REMOTE OPERATOR SHAFT 300MM LENGTH
19418*	SD2 4TH POLE
19429*	SD2 AUX CONTACT SPST
19422*	SD2 GROUND POLE
19420*	SD2 NEUTRAL POLE

*THESE MODULES INTEGRATE WITH THE DISCONNECT SWITCH. THEY ARE SEPARATE COMPONENTS THAT SCREW INTO THE MAIN SWITCHES FOR ADDITIONAL APPLICATIONS.

CABLE GRIPS

CABLE GRIPS SECURE CABLES TO CONTROL CABINETS OR JUNCTION BOXES – PROVIDING STRAIN RELIEF AND PROTECTION FROM THE ELEMENTS. THEY ARE MADE OF METAL (NICKEL PLATED BRASS) OR PLASTIC (NYLON). ADVANTAGES EXIST FOR BOTH TYPES OF CABLE GRIP WITH THE NYLON VERSIONS BECOMING MORE POPULAR SINCE THEY CAN PROVIDE THE SAME LEVEL OF PROTECTION AGAINST DUST, DEBRIS AND WATER AS THE METALLIC VERSIONS – FOR LESS COST AND WEIGHT. CABLE GRIPS ARE SPECIFIED FIRST BY THE CABLE DIAMETER AND SECOND BY THREAD TYPE.

CABLE GRIPS ARE AVAILABLE IN THREE DIFFERENT THREAD TYPES, PG (PANZER GEWINDE, A GERMAN SPECIFIED THREAD WIDELY USED IN EUROPE), METRIC AND NPT (NATIONAL PIPE THREAD – USED IN USA). THIS IS USEFUL SINCE MOST SPECIFIERS THREAD THE CABINET HOLES SO THAT THE CABLE GRIP CAN BE SCREWED INTO IT FOR A MORE SECURE FIT. OTHERS SIMPLY KNOCKOUT A HOLE AND PLACE THE CABLE GRIP INSIDE IT.

OUR CABLE GRIPS ARE APPROVED BY UL AND LLOYDS OF LONDON AND ARE RATED IP 68, THE HIGHEST INGRESS PROTECTION AVAILABLE. INGRESS PROTECTION CONSISTS OF TWO NUMBERS – THE FIRST BETWEEN 0 AND 6, INDICATING THE RESISTANCE TO PARTICLES AND THE SECOND BETWEEN 0 AND 8, INDICATING RESISTANCE TO WATER. PLEASE SEE OUR CHARTS ON PAGES 164 AND 165 EXPLAINING THE IP SYSTEM.





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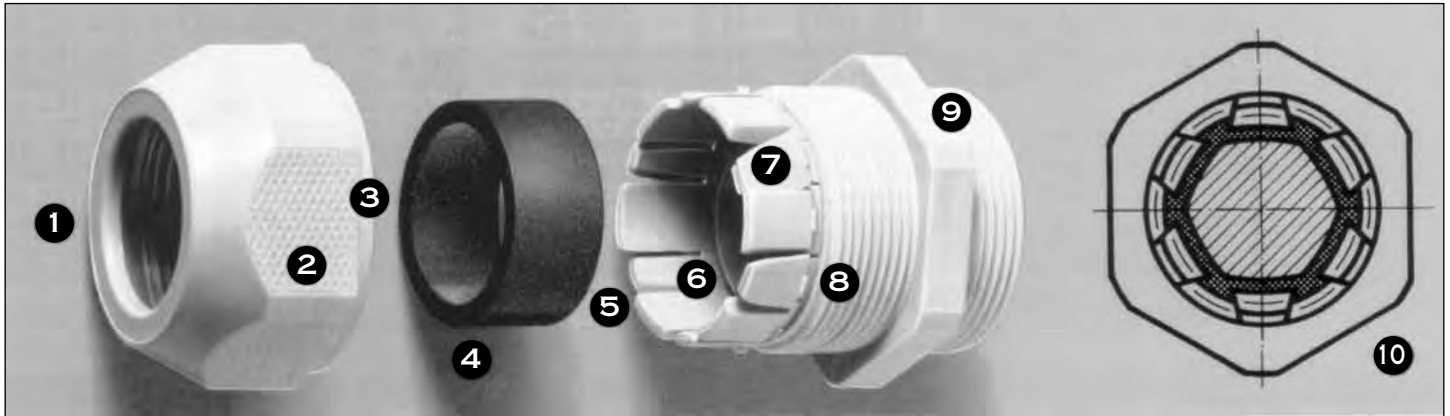
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MAIN FEATURES: CABLE GRIPS

- 1** **WIDER DOMED NUT WHICH CAN NOT BE OVER-TIGHTENED.**
THE WIDE DOME DESIGN ALLOWS SPACE FOR THE NEOPRENE SEAL TO FORM A TIGHT GRIP ON THE CABLE, FORMING AN IP68 BARRIER. (PLEASE REFER TO INGRESS PROTECTION [IP] RATINGS ON THE BACK PAGE.)
- 2** **GENEROUS DEEP FLATS**
THE DEEP FLATS ALLOW ENOUGH ROOM FOR THE PROPER WRENCH TO TIGHTEN OR LOOSEN THE CABLE GRIP WITHOUT THE WRENCH COMING OFF.
- 3** **SPACER**
A SMALL SPACER EXISTS BETWEEN THE DOMED NUT AND THE LOCKING COLLETT, PROVIDING AN ADDITIONAL SEAL WHEN FULLY TIGHTENED.
- 4** **NEOPRENE RUBBER SEAL**
THIS SEAL GRIPS AROUND THE CABLE TO FORM THE IP68 BARRIER WHEN PROPERLY TIGHTENED.
- 5** **WEBS ARE STAGGERED FOR BETTER GRIP**
WEBS ARE DESIGNED IN AN ALTERNATING GEOMETRY WHICH ENHANCES GRIPPING CAPABILITY.
- 6** **STAGGERED WEBS**
THE WEB DESIGN IS STAGGERED TO ALLOW FOR SEAL CONFORMITY AROUND THE CABLE TO MAXIMIZE THE PULL OUT RESISTANCE AND PROTECTION AGAINST THE ELEMENTS.
- 7** **SPRUNG WEBS**
THE WEBS ARE DESIGNED SO THAT THEY WILL SPRING BACK TO THEIR ORIGINAL OPEN POSITION MAKING INSTALLATION EASY WHILE MAINTAINING THE SEAL QUALITY.
- 8** **RETENTION SPRINGS FOR DOMED NUT**
THE 'TIGHT SEAL' DESIGN ALLOWS THE DOMED NUT TO LOCK WITH THE COLLETT BEFORE ANY THREADS ARE ENGAGED. THIS GUARDS AGAINST MISTHEADS AS WELL AS AIDS IN THE INSTALLATION PROCESS.
- 9** **SEALING LIP**
THE COLLETT DESIGN INCORPORATES A SEALING LIP WHICH PROVIDES FOR A POSITIVE SEAL AGAINST THE ENCLOSURE.
- 10** **ANTI-TWIST CABLE LOCKING COLLETT**
THE ENTIRE DESIGN OF THE 'TIGHT SEAL' PRODUCT LINE INSURES THAT CABLES WILL NOT TWIST OR TURN ONCE LOCKED DOWN.

TECHNICAL DATA

MATERIAL:

POLYAMIDE PA 6, SELF-EXTINGUISHING,
HALOGEN-FREE

SEAL:

NEOPRENE, OIL AND PETROLEUM RESISTANT

OPERATING TEMPERATURE:

STATIC: -40°C TO 100°C, SHORT-TERM 120°C
DYNAMIC: -30°C TO 80°C, SHORT-TERM 100°C

WEATHER RESISTANCE GOOD

STRAIN RELIEF:

SMOOTH ACTION

SAFETY CLASS:

IP68, WATERPROOF (5 BAR)

PATENTS:

EUROPE, USA, JAPAN

VDE TEST REPORT:

12 796-9000-4001/A 2 J.

UL TEST (UNDERWRITERS LABORATORIES INC.)

LLOYD'S REGISTER OF SHIPPING CERTIFICATE

GERMANISCHE LLOYD CERTIFICATE

KNOCKOUT HOLE REFERENCE CHART

PG	MM	INCHES	METRIC	MM	INCHES
7	12.5	0.492	12	12	0.472
9	15.2	0.598	16	16	0.63
11	18.6	0.732	20	20	0.787
13.5	20.4	0.803	25	25	0.984
16	22.5	0.886	32	32	1.26
21	28.3	1.114	40	40	1.575
29	37	1.457	50	50	1.969
36	47	1.85	63	63	2.48
42	54	2.126			
48	59.3	2.338			



INGRESS PROTECTION (IP) RATINGS

LIST OF PROTECTION CLASSES

IP PROTECTION CLASSES TO DIN 40 050 SHEET 1

UP TO 1000 VAC AND 1500 VDC (UTE STANDARD C 200 10)

IP RATINGS CONSIST OF A TWO DIGIT NUMBER EXPLAINED BELOW:

THE TWO DIGITS CORRESPOND TO THE DESCRIPTION BY DIN 40 050 SHEET 1, IEC 144 AND 525 AS WELL AS UTE C 200 10.

1ST DIGIT DEGREE OF PROTECTION AGAINST TOUCHING AND FOREIGN MATTER

IP SPECIFICATIONS

- 0** NO PROTECTION.
- 1** PROTECTION AGAINST PENETRATION BY SOLID FOREIGN MATTERS LARGER THAN 50 MM (ACCIDENTAL TOUCHING BY HAND).
- 2** PROTECTION AGAINST PENETRATION BY SOLID FOREIGN MATTERS LARGER THAN 12 MM (TOUCHING WITH FINGERS).
- 3** PROTECTION AGAINST PENETRATION BY SOLID FOREIGN MATTERS LARGER THAN 2.5 MM (TOUCHING WITH TOOLS, WIRES LARGER THAN 2.5 MM).
- 4** PROTECTION AGAINST SOLID FOREIGN MATTERS LARGER THAN 1 MM (TOUCHING WITH TOOLS, WIRES LARGER THAN 1 MM).
- 5** COMPLETE PROTECTION FROM BEING TOUCHED. PROTECTION FROM HARMFUL DUST DEPOSITS - DUST PENETRATION IS NOT COMPLETELY PREVENTED.
- 6** COMPLETE PROTECTION FROM BEING TOUCHED. PROTECTION AGAINST PENETRATION BY DUST.

2ND DIGIT DEGREE OF PROTECTION AGAINST WATER

IP SPECIFICATIONS

- 0** NO PROTECTION.
- 1** PROTECTION AGAINST VERTICALLY DRIPPING WATER.
- 2** PROTECTION AGAINST DRIP WATER FALLING AT AN ANGLE OF UP TO 15 DEGREES.
- 3** PROTECTION AGAINST SPRAY WATER FALLING AT AN ANGLE OF UP TO 60 DEGREES.
- 4** PROTECTION AGAINST SPRAY WATER FROM ALL DIRECTIONS.
- 5** PROTECTION AGAINST WATER JETS FROM ALL DIRECTIONS
- 6** PROTECTION AGAINST TEMPORARY FLOODING, E.G., BY ROUGH SEA.
- 7** PROTECTION WHEN SUBMERSED IN WATER AT SPECIFIED PRESSURE AND UNSPECIFIED DURATION.
- 8** PROTECTION WHEN SUBMERSED IN WATER AT ELEVATED PRESSURE AND UNSPECIFIED TIME.
- 9K** PROTECTION AGAINST THE PENETRATION OF WATER DURING HIGH PRESSURE (80-100 BARS), HIGH TEMPERATURE WASH-DOWN APPLICATIONS (80°C).

USE AND APPLICATION OF NYLON CABLE GRIPS

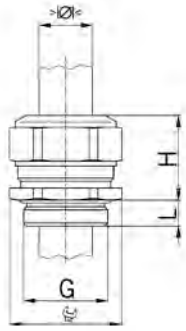
- THE USE OF SYNTHETIC - CABLE GRIPS IS ALMOST UNLIMITED WITHIN THE ELECTRICAL AND ELECTRONICS INDUSTRY. INSTALLATIONS WHERE CABLES MUST BE LED SAFELY THROUGH A WALL OF AN ENCLOSURE WILL BE SPECIFIED WITH CABLE GRIPS. SYNTHETIC CABLE GRIPS ARE SPECIFIED TO:
 - SECURE THE CABLE TO THE ENCLOSURE'S WALL TO PROVIDE EXCELLENT PULL-OUT RESISTANCE.**
 - SEAL AND PROTECT THE INSIDE OF THE ENCLOSURE FROM THE UNWANTED AFFECTS OF THE ENVIRONMENT. THESE CONTAMINANTS MAY BE WATER, GAS, CHEMICALS VAPORS, OR FUMES.**
 - REDUCE MATERIAL COST DUE TO USE OF LIGHTER, LESS EXPENSIVE MATERIALS, AS WELL AS, ELIMINATING THE NEED FOR RUNNING CONDUIT.**

- SOME OF THE TYPICAL APPLICATIONS USING CABLE GRIPS ARE:
 - MACHINERY
 - PROCESS EQUIPMENT ENGINEERING
 - APPARATUS AND APPLIANCE CONSTRUCTION
 - AIRCRAFT AND AUTOMOTIVE ENGINEERING
 - LOCOMOTIVE ENGINEERING
 - ELEVATOR ENGINEERING
 - PLANT ENGINEERING
 - CHEMICAL AND PHARMACEUTICAL INDUSTRIES
 - REFINERIES
 - NUCLEAR RESEARCH INSTITUTIONS
 - PROCESS AUTOMATION AND PROCESS ENGINEERING
 - INDOOR AND OUTDOOR ELECTRICAL INSTALLATIONS
 - SWITCHGEAR AND DISTRIBUTION CONSTRUCTION
 - EQUIPMENT FOR MILITARY PURPOSES
 - MUNICIPAL AND UTILITY TYPE APPLICATIONS, SUCH AS POWER, ELECTRICITY AND GAS WORKS



CABLE GLANDS NICKEL-PLATED BRASS

SHORT ENTRY THREAD METRIC



MATERIAL:	NICKEL-PLATED BRASS
SEAL:	TPE
O-RING:	NBR
STRAIN RELIEF:	ACCORDING TO EN 50262 VERSION A
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K



PROGRESS MS

ONE-PIECE SEALING INSERT / OVERALL LENGTH INSULATED



G	>Ø< min mm	>Ø< max mm	Ø mm	H mm	L mm	i info	Part. no.	
M6x1.0	2.0	2.5	8	12	5	1	1060.06.025	50
M6x1.0	2.5	3.0	8	12	5	1	1060.06.030	50
M8x1.25	2.5	3.0	11	14	5	1	1060.08.030	50
M8x1.25	3.0	4.0	11	14	5	1	1060.08.040	50
M10x1.5	3.0	4.0	13	15	5	1	1060.10.040	50
M10x1.5	4.0	6.0	13	15	5	1	1060.10.060	50
M12x1.5	3.5	5.0	15	17	5	-	1060.12.050	50
M12x1.5	5.0	6.5	15	17	5	-	1060.12.065	50
M12x1.5	6.5	7.5	15	17	5	-	1060.12.075	50
M16x1.5	4.5	6.0	18	20	5	-	1060.17.060	50
M16x1.5	6.0	8.0	18	20	5	-	1060.17.080	50
M16x1.5	8.0	10.5	18	22	5	-	1060.17.105	50
M20x1.5	6.0	8.0	24	21	6	-	1060.20.080	50
M20x1.5	8.0	11.0	24	21	6	-	1060.20.110	50
M20x1.5	11.0	14.5	24	23	6	-	1060.20.145	50
M25x1.5	9.5	12.5	30	25	7	-	1060.25.125	25
M25x1.5	12.5	16.0	30	25	7	-	1060.25.160	25
M25x1.5	16.0	19.0	30	28	7	-	1060.25.190	25
M32x1.5	17.0	21.0	36	28	8	-	1060.32.210	25
M32x1.5	21.0	25.5	36	28	8	-	1060.32.255	25
M40x1.5	24.0	28.5	46	31	8	-	1060.40.285	10
M40x1.5	28.5	33.0	46	31	8	-	1060.40.330	10
M50x1.5	33.0	37.0	55	34	9	-	1060.50.370	10
M50x1.5	37.0	42.0	55	34	9	-	1060.50.420	10
M63x1.5	40.0	46.0	70	37	10	-	1060.63.460	5
M63x1.5	46.0	52.0	70	37	10	-	1060.63.520	5
M75x1.5	50.0	56.0	80	38	11	-	1060.75.560	1
M75x1.5	56.0	63.0	80	38	11	-	1060.75.630	1

1 = Metric coarse-pitch thread



PROGRESS MS

TWO-PIECE SEALING INSERT / OVERALL LENGTH INSULATED

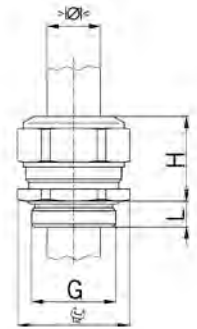


G	>Ø< min mm	>Ø< max mm	Ø mm	H mm	L mm	Part. no.	
M16x1.5	6.0	10.5	18	22	5	1060.17	50
M20x1.5	8.0	14.5	24	23	6	1060.20	50
M25x1.5	12.5	19.0	30	28	7	1060.25	25
M32x1.5	17.0	25.5	36	28	8	1060.32	25
M40x1.5	24.0	33.0	46	31	8	1060.40	10
M50x1.5	33.0	42.0	55	34	9	1060.50	10
M63x1.5	40.0	52.0	70	37	10	1060.63	5
M75x1.5	50.0	63.0	80	38	11	1060.75	1

CABLE GLANDS NICKEL-PLATED BRASS

SHORT ENTRY THREAD METRIC

MATERIAL:	NICKEL-PLATED BRASS
SEAL:	TPE / NBR
O-RING:	NBR
STRAIN RELIEF:	ACCORDING TO EN 50262 VERSION A
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K



PROGRESS MS



ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	i info	Part. no.	
M6x1.0	2.0	2.5	8	12	5	1	1000.06.025	50
M6x1.0	2.5	3.0	8	12	5	1	1000.06.030	50
M6x1.0	3.0	3.5	8	12	5	1	1000.06.035	50
M8x1.25	2.5	3.5	11	14	5	1	1000.08.035	50
M8x1.25	3.5	5.0	11	14	5	1	1000.08.050	50
M10x1.5	3.0	4.0	13	15	5	1	1000.10.040	50
M10x1.5	4.0	6.0	13	15	5	1	1000.10.060	50
M12x1.5	3.5	5.0	15	17	5	-	1000.12.050	50
M12x1.5	5.0	6.5	15	17	5	-	1000.12.065	50
M12x1.5	6.5	8.0	15	17	5	-	1000.12.080	50
M16x1.5	3.5	4.5	18	20	5	-	1000.17.045	50
M16x1.5	4.5	6.0	18	20	5	-	1000.17.060	50
M16x1.5	6.0	8.0	18	20	5	-	1000.17.080	50
M16x1.5	8.0	10.5	18	22	5	-	1000.17.105	50
M20x1.5	6.0	8.0	24	21	6	-	1000.20.080	50
M20x1.5	8.0	11.0	24	21	6	-	1000.20.110	50
M20x1.5	11.0	15.0	24	23	6	-	1000.20.150	50
M25x1.5	9.5	12.5	30	25	7	-	1000.25.125	25
M25x1.5	12.5	16.0	30	27	7	-	1000.25.160	25
M25x1.5	16.0	20.5	30	28	7	-	1000.25.205	25
M32x1.5	14.0	17.0	36	28	8	-	1000.32.170	25
M32x1.5	17.0	21.0	36	28	8	-	1000.32.210	25
M32x1.5	21.0	25.5	36	28	8	-	1000.32.255	25
M40x1.5	20.0	24.0	46	31	8	-	1000.40.240	10
M40x1.5	24.0	28.5	46	31	8	-	1000.40.285	10
M40x1.5	28.5	33.0	46	31	8	-	1000.40.330	10
M50x1.5	29.0	33.0	55	34	9	-	1000.50.330	10
M50x1.5	33.0	37.0	55	34	9	-	1000.50.370	10
M50x1.5	37.0	42.0	55	34	9	-	1000.50.420	10
M63x1.5	35.0	40.0	70	37	10	-	1000.63.400	5
M63x1.5	40.0	46.0	70	37	10	-	1000.63.460	5
M63x1.5	46.0	52.0	70	37	10	-	1000.63.520	5
M75x1.5	45.0	50.0	80	38	11	-	1000.75.500	1
M75x1.5	50.0	56.0	80	38	11	-	1000.75.560	1
M75x1.5	56.0	63.0	80	38	11	-	1000.75.630	1
M85x2.0	63.0	70.0	95	41	18	-	1000.85.700	1
M95x2.0	68.0	75.0	110	51	20	-	1000.95.750	1
M95x2.0	73.0	80.0	110	51	20	-	1000.95.800	1
M100x3.0	78.0	85.0	115	51	22	-	1000.100.850	1
M105x3.0	83.0	90.0	120	52	22	-	1000.105.900	1
M115x3.0	88.0	95.0	125	52	22	-	1000.115.950	1

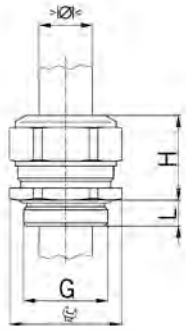


1 = METRIC COARSE-PITCH THREAD



CABLE GLANDS NICKEL-PLATED BRASS

SHORT ENTRY THREAD METRIC



MATERIAL:	NICKEL-PLATED BRASS
SEAL:	TPE
O-RING:	NBR
STRAIN RELIEF:	ACCORDING TO EN 50262 VERSION A
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K



PROGRESS MS

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED



G	>Ø< min mm	>Ø< max mm	Ø mm	H mm	L mm	PART. NO.	
M16x1.5	6.0	10.5	18	22	5	1000.17	50
M20x1.5	8.0	15.0	24	23	6	1000.20	50
M25x1.5	12.5	20.5	30	28	7	1000.25	25
M32x1.5	17.0	25.5	36	28	8	1000.32	25
M40x1.5	24.0	33.0	46	31	8	1000.40	10
M50x1.5	33.0	42.0	55	34	9	1000.50	10
M63x1.5	40.0	52.0	70	37	10	1000.63	5
M75x1.5	50.0	63.0	80	38	11	1000.75	1

LONG ENTRY THREAD METRIC



PROGRESS MS

ONE-PIECE SEALING INSERT / OVERALL LENGTH INSULATED



G	>Ø< min mm	>Ø< max mm	Ø mm	H mm	L mm	i info	PART. NO.	
M6x1.0	2.0	2.5	8	12	8	1	1160.06.025	50
M6x1.0	2.5	3.0	8	12	8	1	1160.06.030	50
M8x1.25	2.5	3.0	11	14	10	1	1160.08.030	50
M8x1.25	3.0	4.0	11	14	10	1	1160.08.040	50
M10x1.5	3.0	4.0	13	15	10	1	1160.10.040	50
M10x1.5	4.0	6.0	13	15	10	1	1160.10.060	50
M12x1.5	3.5	5.0	15	17	10	-	1160.12.050	50
M12x1.5	5.0	6.5	15	17	10	-	1160.12.065	50
M12x1.5	6.5	7.5	15	17	10	-	1160.12.075	50
M16x1.5	8.0	10.5	18	22	10	-	1160.17.105	50
M20x1.5	11.0	14.5	24	23	10	-	1160.20.145	50
M25x1.5	16.0	19.0	30	28	11	-	1160.25.190	25
M32x1.5	21.0	25.5	36	28	13	-	1160.32.255	25
M40x1.5	28.5	33.0	46	34	13	-	1160.40.330	10
M50x1.5	37.0	42.0	55	34	14	-	1160.50.420	10
M63x1.5	46.0	52.0	70	37	14	-	1160.63.520	5
M75x1.5	56.0	63.0	80	38	15	-	1160.75.630	1

1 = METRIC COARSE-PITCH THREAD



PROGRESS MS

TWO-PIECE SEALING INSERT / OVERALL LENGTH INSULATED

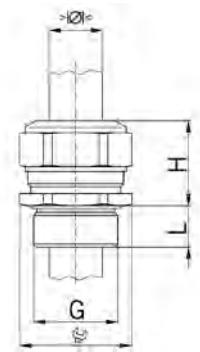


G	>Ø< min mm	>Ø< max mm	Ø mm	H mm	L mm	PART. NO.	
M16x1.5	6.0	10.5	18	22	10	1160.17	50
M20x1.5	8.0	14.5	24	23	10	1160.20	50
M25x1.5	12.5	19.0	30	28	11	1160.25	25
M32x1.5	17.0	25.5	36	28	13	1160.32	25
M40x1.5	24.0	33.0	46	31	13	1160.40	10
M50x1.5	33.0	42.0	55	34	14	1160.50	10
M63x1.5	40.0	52.0	70	37	14	1160.63	5
M75x1.5	50.0	63.0	80	38	15	1160.75	1

CABLE GLANDS NICKEL-PLATED BRASS

LONG ENTRY THREAD METRIC

MATERIAL:	NICKEL-PLATED BRASS
SEAL:	TPE
O-RING:	NBR
STRAIN RELIEF:	ACCORDING TO EN 50262 VERSION A
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K



PROGRESS MS



ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	i info	PART. NO.	
M6x1.0	2.0	2.5	8	12	8	1	1100.06.025	50
M6x1.0	2.5	3.0	8	12	8	1	1100.06.030	50
M6x1.0	3.0	3.5	8	12	8	1	1100.06.035	50
M8x1.25	2.5	3.5	11	14	10	1	1100.08.035	50
M8x1.25	3.5	5.0	11	14	10	1	1100.08.050	50
M10x1.5	3.0	4.0	13	15	10	1	1100.10.040	50
M10x1.5	4.0	6.0	13	15	10	1	1100.10.060	50
M12x1.5	3.5	5.0	15	17	10	-	1100.12.050	50
M12x1.5	5.0	6.5	15	17	10	-	1100.12.065	50
M12x1.5	6.5	8.0	15	17	10	-	1100.12.080	50
M16x1.5	3.5	4.5	18	20	10	-	1100.17.045	50
M16x1.5	4.5	6.0	18	20	10	-	1100.17.060	50
M16x1.5	6.0	8.0	18	20	10	-	1100.17.080	50
M16x1.5	8.0	10.5	18	22	10	-	1100.17.105	50
M20x1.5	6.0	8.0	24	21	10	-	1100.20.080	50
M20x1.5	8.0	11.0	24	21	10	-	1100.20.110	50
M20x1.5	11.0	15.0	24	23	10	-	1100.20.150	50
M25x1.5	9.5	12.5	30	25	11	-	1100.25.125	25
M25x1.5	12.5	16.0	30	27	11	-	1100.25.160	25
M25x1.5	16.0	20.5	30	28	11	-	1100.25.205	25
M32x1.5	14.0	17.0	36	28	13	-	1100.32.170	25
M32x1.5	17.0	21.0	36	28	13	-	1100.32.210	25
M32x1.5	21.0	25.5	36	28	13	-	1100.32.255	25
M40x1.5	20.0	24.0	46	31	13	-	1100.40.240	10
M40x1.5	24.0	28.5	46	31	13	-	1100.40.285	10
M40x1.5	28.5	33.0	46	31	13	-	1100.40.330	10
M50x1.5	29.0	33.0	55	34	14	-	1100.50.330	10
M50x1.5	33.0	37.0	55	34	14	-	1100.50.370	10
M50x1.5	37.0	42.0	55	34	14	-	1100.50.420	10
M63x1.5	35.0	40.0	70	37	14	-	1100.63.400	5
M63x1.5	40.0	46.0	70	37	14	-	1100.63.460	5
M63x1.5	46.0	52.0	70	37	14	-	1100.63.520	5
M75x1.5	45.0	50.0	80	38	15	-	1100.75.500	1
M75x1.5	50.0	56.0	80	38	15	-	1100.75.560	1
M75x1.5	56.0	63.0	80	38	15	-	1100.75.630	1

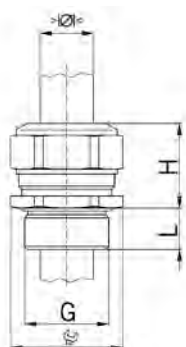


1 = METRIC COARSE-PITCH THREAD



CABLE GLANDS NICKEL-PLATED BRASS

LONG ENTRY THREAD METRIC



MATERIAL:	NICKEL-PLATED BRASS
SEAL:	TPE
O-RING:	NBR
STRAIN RELIEF:	ACCORDING TO EN 50262 VERSION A
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K

PROGRESS MS



TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

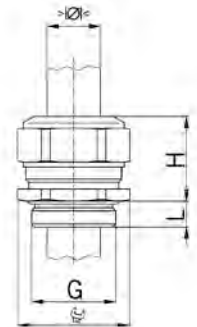


G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
M16x1.5	6.0	10.5	18	22	10	1100.17	50
M20x1.5	8.0	15.0	24	23	10	1100.20	50
M25x1.5	12.5	20.5	30	28	11	1100.25	25
M32x1.5	17.0	25.5	36	28	13	1100.32	25
M40x1.5	24.0	33.0	46	31	13	1100.40	10
M50x1.5	33.0	42.0	55	34	14	1100.50	10
M63x1.5	40.0	52.0	70	37	14	1100.63	5
M75x1.5	50.0	63.0	80	38	15	1100.75	1

CABLE GLANDS NICKEL-PLATED BRASS

SHORT ENTRY THREAD PG

MATERIAL:	NICKEL-PLATED BRASS
SEAL:	TPE
O-RING:	NBR
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K



PROGRESS MS



ONE-PIECE SEALING INSERT / OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	H mm	L mm	PART. NO.	
Pg 7	3.5	5.0	15	17	6.0	1060.07.050 50
Pg 7	5.0	6.5	15	17	6.0	1060.07.065 50
Pg 7	6.5	7.5	15	17	6.0	1060.07.075 50
Pg 9	4.5	6.0	18	20	6.0	1060.09.060 50
Pg 9	6.0	8.0	18	20	6.0	1060.09.080 50
Pg 9	8.0	10.5	18	22	6.0	1060.09.105 50
Pg 11	4.0	5.5	21	21	6.0	1060.11.055 50
Pg 11	5.5	8.5	21	21	6.0	1060.11.085 50
Pg 11	8.5	12.0	21	21	6.0	1060.11.120 50
Pg 13	6.0	8.0	24	21	6.0	1060.13.080 50
Pg 13	8.0	11.0	24	21	6.0	1060.13.110 50
Pg 13	11.0	14.5	24	23	6.0	1060.13.145 50
Pg 16	6.0	8.0	24	23	6.0	1060.16.080 50
Pg 16	8.0	11.0	24	23	6.0	1060.16.110 50
Pg 16	11.0	14.5	24	23	6.0	1060.16.145 50
Pg 21	9.5	12.5	30	28	7.5	1060.21.125 25
Pg 21	12.5	16.0	30	28	7.5	1060.21.160 25
Pg 21	16.0	19.0	30	28	7.5	1060.21.190 25
Pg 29	19.0	23.0	38	28	8.0	1060.29.230 25
Pg 29	23.0	27.5	38	28	8.0	1060.29.275 25
Pg 36	26.0	30.5	50	32	8.0	1060.36.305 10
Pg 36	30.5	35.0	50	32	8.0	1060.36.350 10
Pg 42	33.0	37.0	55	34	10.0	1060.42.370 10
Pg 42	37.0	42.0	55	34	10.0	1060.42.420 10
Pg 48	37.0	43.0	65	37	11.0	1060.48.430 10
Pg 48	43.0	49.0	65	37	11.0	1060.48.490 10



PROGRESS MS



TWO-PIECE SEALING INSERT / OVERALL LENGTH INSULATED

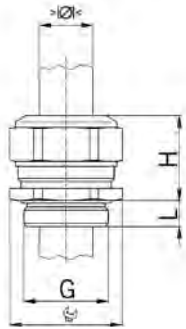
G	>Ø< min mm	>Ø< max mm	H mm	L mm	PART. NO.	
Pg 9	6.0	10.5	18	22	6.0	1060.09 50
Pg 11	5.5	12.0	21	21	6.0	1060.11 50
Pg 13	8.0	14.5	24	23	6.0	1060.13 50
Pg 16	8.0	14.5	24	23	6.0	1060.16 50
Pg 21	12.5	19.0	30	28	7.5	1060.21 25
Pg 29	19.0	27.5	38	28	8.0	1060.29 25
Pg 36	26.0	35.0	50	32	8.0	1060.36 10
Pg 42	33.0	42.0	55	34	10.0	1060.42 10
Pg 48	37.0	49.0	65	37	11.0	1060.48 10





CABLE GLANDS NICKEL-PLATED BRASS

SHORT ENTRY THREAD PG



MATERIAL: NICKEL-PLATED BRASS
 SEAL: TPE
 O-RING: NBR
 TEMPERATURE RANGE: -40°C / +100°C
 PROTECTION CLASS: IP 68 (UP TO 10 BAR)
 PROTECTION TYPE ADDITION: IP 69K

PROGRESS MS

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED



G	>Ø< min mm	>Ø< max mm	Ø mm	H mm	L mm	PART. NO.	
Pg 7	3.5	5.0	15	17	6.0	1000.07.050	50
Pg 7	5.0	6.5	15	17	6.0	1000.07.065	50
Pg 7	6.5	8.0	15	17	6.0	1000.07.080	50
Pg 9	3.5	4.5	18	20	6.0	1000.09.045	50
Pg 9	4.5	6.0	18	20	6.0	1000.09.060	50
Pg 9	6.0	8.0	18	20	6.0	1000.09.080	50
Pg 9	8.0	10.5	18	22	6.0	1000.09.105	50
Pg 11	4.0	5.5	21	21	6.0	1000.11.055	50
Pg 11	5.5	8.5	21	21	6.0	1000.11.085	50
Pg 11	8.5	12.0	21	21	6.0	1000.11.120	50
Pg 13	6.0	8.0	24	21	6.0	1000.13.080	50
Pg 13	8.0	11.0	24	21	6.0	1000.13.110	50
Pg 13	11.0	15.0	24	23	6.0	1000.13.150	50
Pg 16	6.0	8.0	24	23	6.0	1000.16.080	50
Pg 16	8.0	11.0	24	23	6.0	1000.16.110	50
Pg 16	11.0	15.0	24	23	6.0	1000.16.150	50
Pg 21	9.5	12.5	30	28	7.5	1000.21.125	25
Pg 21	12.5	16.0	30	28	7.5	1000.21.160	25
Pg 21	16.0	20.5	30	28	7.5	1000.21.205	25
Pg 29	16.0	19.0	38	28	8.0	1000.29.190	25
Pg 29	19.0	23.0	38	28	8.0	1000.29.230	25
Pg 29	23.0	27.5	38	28	8.0	1000.29.275	25
Pg 36	21.5	26.0	50	32	8.0	1000.36.260	10
Pg 36	26.0	30.5	50	32	8.0	1000.36.305	10
Pg 36	30.5	35.0	50	32	8.0	1000.36.350	10
Pg 42	29.0	33.0	55	34	10.0	1000.42.330	10
Pg 42	33.0	37.0	55	34	10.0	1000.42.370	10
Pg 42	37.0	42.0	55	34	10.0	1000.42.420	10
Pg 48	32.0	37.0	65	37	11.0	1000.48.370	10
Pg 48	37.0	43.0	65	37	11.0	1000.48.430	10
Pg 48	43.0	49.0	65	37	11.0	1000.48.490	10

PROGRESS MS

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

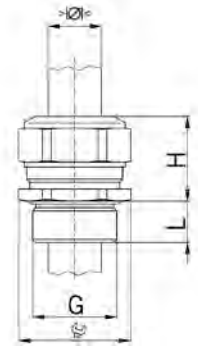


G	>Ø< min mm	>Ø< max mm	Ø mm	H mm	L mm	PART. NO.	
Pg 9	6.0	10.5	18	22	6.0	1000.09	50
Pg 11	5.5	12.0	21	21	6.0	1000.11	50
Pg 13	8.0	15.0	24	23	6.0	1000.13	50
Pg 16	8.0	15.0	24	23	6.0	1000.16	50
Pg 21	12.5	20.5	30	28	7.5	1000.21	25
Pg 29	19.0	27.5	38	28	8.0	1000.29	25
Pg 36	26.0	35.0	50	32	8.0	1000.36	10
Pg 42	33.0	42.0	55	34	10.0	1000.42	10
Pg 48	37.0	49.0	65	37	11.0	1000.48	10

CABLE GLANDS NICKEL-PLATED BRASS

LONG ENTRY THREAD PG

MATERIAL: NICKEL-PLATED BRASS
 SEAL: TPE
 O-RING: NBR
 TEMPERATURE RANGE: -40°C / +100°C
 PROTECTION CLASS: IP 68 (UP TO 10 BAR)
 PROTECTION TYPE ADDITION: IP 69K



PROGRESS MS

ONE-PIECE SEALING INSERT / OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
Pg 7	5.0	6.5	15	17	10	1160.07.065	50
Pg 7	6.5	7.5	15	17	10	1160.07.075	50
Pg 9	8.0	10.5	18	22	10	1160.09.105	50
Pg 11	8.5	12.0	21	21	10	1160.11.120	50
Pg 13	11.0	14.5	24	23	10	1160.13.145	50
Pg 16	11.0	14.5	24	23	10	1160.16.145	50
Pg 21	16.0	19.0	30	28	12	1160.21.190	25
Pg 29	23.0	27.5	38	28	12	1160.29.275	25
Pg 36	30.5	35.0	50	32	15	1160.36.350	10
Pg 42	37.0	42.0	55	32	15	1160.42.420	10
Pg 48	43.0	49.0	65	37	15	1160.48.490	10



PROGRESS MS

TWO-PIECE SEALING INSERT / OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
Pg 9	6.0	10.5	18	22	10	1160.09	50
Pg 11	5.5	12.0	21	21	10	1160.11	50
Pg 13	8.0	14.5	24	23	10	1160.13	50
Pg 16	8.0	14.5	24	23	10	1160.16	50
Pg 21	12.5	19.0	30	28	12	1160.21	25
Pg 29	19.0	27.5	38	28	12	1160.29	25
Pg 36	26.0	35.0	50	32	15	1160.36	10
Pg 42	33.0	42.0	55	34	15	1160.42	10
Pg 48	37.0	49.0	65	37	15	1160.48	10





CABLE GLANDS NICKEL-PLATED BRASS

LONG ENTRY THREAD PG



MATERIAL:	NICKEL-PLATED BRASS
SEAL:	TPE
O-RING:	NBR
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K

PROGRESS MS

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED



G	>Ø< min mm	>Ø< max mm	Ø mm	H mm	L mm	PART. NO.	
Pg 7	3.5	5.0	15	17	10	1100.07.050	50
Pg 7	5.0	6.5	15	17	10	1100.07.065	50
Pg 7	6.5	8.0	15	17	10	1100.07.080	50
Pg 9	3.5	4.5	18	20	10	1100.09.045	50
Pg 9	4.5	6.0	18	20	10	1100.09.060	50
Pg 9	6.0	8.0	18	20	10	1100.09.080	50
Pg 9	8.0	10.5	18	22	10	1100.09.105	50
Pg 11	4.0	5.5	21	21	10	1100.11.055	50
Pg 11	5.5	8.5	21	21	10	1100.11.085	50
Pg 11	8.5	12.0	21	21	10	1100.11.120	50
Pg 13	6.0	8.0	24	21	10	1100.13.080	50
Pg 13	8.0	11.0	24	21	10	1100.13.110	50
Pg 13	11.0	15.0	24	23	10	1100.13.150	50
Pg 16	6.0	8.0	24	23	10	1100.16.080	50
Pg 16	8.0	11.0	24	23	10	1100.16.110	50
Pg 16	11.0	15.0	24	23	10	1100.16.150	50
Pg 21	9.5	12.5	30	28	12	1100.21.125	25
Pg 21	12.5	16.0	30	28	12	1100.21.160	25
Pg 21	16.0	20.5	30	28	12	1100.21.205	25
Pg 29	16.0	19.0	38	28	12	1100.29.190	25
Pg 29	19.0	23.0	38	28	12	1100.29.230	25
Pg 29	23.0	27.5	38	28	12	1100.29.275	25
Pg 36	21.5	26.0	50	32	15	1100.36.260	10
Pg 36	26.0	30.5	50	32	15	1100.36.305	10
Pg 36	30.5	35.0	50	32	15	1100.36.350	10
Pg 42	29.0	33.0	55	34	15	1100.42.330	10
Pg 42	33.0	37.0	55	34	15	1100.42.370	10
Pg 42	37.0	42.0	55	34	15	1100.42.420	10
Pg 48	32.0	37.0	65	37	15	1100.48.370	10
Pg 48	37.0	43.0	65	37	15	1100.48.430	10
Pg 48	43.0	49.0	65	37	15	1100.48.490	10

PROGRESS MS

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

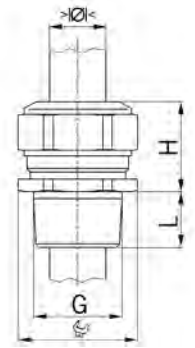


G	>Ø< min mm	>Ø< max mm	Ø mm	H mm	L mm	PART. NO.	
Pg 9	6.0	10.5	18	22	10	1100.09	50
Pg 11	5.5	12.0	21	21	10	1100.11	50
Pg 13	8.0	15.0	24	23	10	1100.13	50
Pg 16	8.0	15.0	24	23	10	1100.16	50
Pg 21	12.5	20.5	30	28	12	1100.21	25
Pg 29	19.0	27.5	38	28	12	1100.29	25
Pg 36	26.0	35.0	50	32	15	1100.36	10
Pg 42	33.0	42.0	55	34	15	1100.42	10
Pg 48	37.0	49.0	65	37	15	1100.48	10

CABLE GLANDS NICKEL-PLATED BRASS

ENTRY THREAD NPT

MATERIAL:	NICKEL-PLATED BRASS
SEAL:	TPE
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K
ENTRY THREAD:	IP 68, IF THE ENTRY THREAD IS SEALED



PROGRESS NPT

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	H mm	L mm	PART. NO.	
NPT 1/8"	3.0	4.0	13	15	8	1000.1/8NPT.040 50
NPT 1/8"	4.0	6.0	13	15	8	1000.1/8NPT.060 50
NPT 1/4"	3.5	5.0	15	17	12	1000.1/4NPT.050 50
NPT 1/4"	5.0	6.5	15	17	12	1000.1/4NPT.065 50
NPT 1/4"	6.5	8.0	15	17	12	1000.1/4NPT.080 50
NPT 3/8"	3.5	4.5	18	20	12	1000.3/8NPT.045 50
NPT 3/8"	4.5	6.0	18	20	12	1000.3/8NPT.060 50
NPT 3/8"	6.0	8.0	18	20	12	1000.3/8NPT.080 50
NPT 3/8"	8.0	10.5	18	22	12	1000.3/8NPT.105 50
NPT 1/2"	6.0	8.0	24	21	15	1000.1/2NPT.080 50
NPT 1/2"	8.0	11.0	24	21	15	1000.1/2NPT.110 50
NPT 1/2"	11.0	15.0	24	23	15	1000.1/2NPT.150 50
NPT 3/4"	9.5	12.5	30	28	15	1000.3/4NPT.125 25
NPT 3/4"	12.5	16.0	30	28	15	1000.3/4NPT.160 25
NPT 3/4"	16.0	20.5	30	28	15	1000.3/4NPT.205 25
NPT 1"	14.0	17.0	36	28	20	1000.1NPT.170 25
NPT 1"	17.0	21.0	36	28	20	1000.1NPT.210 25
NPT 1"	21.0	25.5	36	28	20	1000.1NPT.255 25
NPT 1 1/4"	20.0	24.0	46	31	20	1000.11/4NPT.240 10
NPT 1 1/4"	24.0	28.5	46	31	20	1000.11/4NPT.285 10
NPT 1 1/4"	28.5	33.0	46	31	20	1000.11/4NPT.330 10
NPT 1 1/2"	29.0	33.0	55	34	22	1000.11/2NPT.330 10
NPT 1 1/2"	33.0	37.0	55	34	22	1000.11/2NPT.370 10
NPT 1 1/2"	37.0	41.0	55	34	22	1000.11/2NPT.410 10
NPT 2"	35.0	40.0	70	37	22	1000.2NPT.400 5
NPT 2"	40.0	46.0	70	37	22	1000.2NPT.460 5
NPT 2"	46.0	52.0	70	37	22	1000.2NPT.520 5



PROGRESS NPT

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

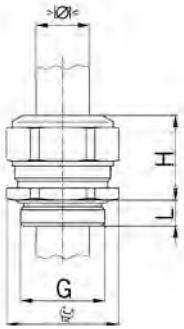
G	>Ø< min mm	>Ø< max mm	H mm	L mm	PART. NO.	
NPT 3/8"	6.0	10.5	18	22	12	1000.3/8NPT 50
NPT 1/2"	8.0	15.0	24	23	15	1000.1/2NPT 50
NPT 3/4"	12.5	20.5	30	28	15	1000.3/4NPT 25
NPT 1"	17.0	25.5	36	28	20	1000.1NPT 25
NPT 1 1/4"	24.0	33.0	46	31	20	1000.11/4NPT 10
NPT 1 1/2"	33.0	41.0	55	34	22	1000.11/2NPT 10
NPT 2"	40.0	52.0	70	37	22	1000.2NPT 5





CABLE GLANDS NICKEL-PLATED BRASS

GAS-PIPE ENTRY THREAD



MATERIAL: NICKEL-PLATED BRASS
 SEAL: TPE
 O-RING: NBR
 TEMPERATURE RANGE: -40°C / +100°C
 PROTECTION CLASS: IP 68



TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	i info	PART. NO.	
G 3/8"	5.5	12.0	21	21	6	-	1000.3/8G	50
G 1/2"	8.0	15.0	24	23	8	-	1000.1/2G	50
G 3/4"	12.5	20.5	30	28	10	-	1000.3/4G	25
G 1"	17.0	25.5	36	28	11	-	1000.1G	25
G 1 1/2"	25.0	35.0	55/50	32	12	-	1000.1 1/2G	10
G 2"	37.0	49.0	65	37	12	-	1000.2G	10
G 2 1/2"	45.0	50.0	80	38	18	1	1000.21/2G.500	1
G 2 1/2"	50.0	56.0	80	38	18	1	1000.21/2G.560	1
G 3"	56.0	63.0	80	38	18	1	1000.3G.630	1
G 3"	63.0	70.0	95	40	18	1	1000.3G.700	1

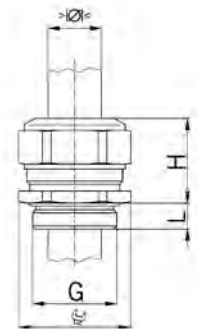
1 = ONE-PIECE SEALING INSERT

CABLE GLANDS NICKEL-PLATED BRASS

FOR HIGH TEMPERATURE APPLICATIONS

SHORT ENTRY THREAD METRIC

MATERIAL:	NICKEL-PLATED BRASS
SEAL:	FPM
O-RING:	FPM
STRAIN RELIEF:	ACCORDING TO EN 50262 VERSION A
TEMPERATURE RANGE:	-40°C / +200°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K



PROGRESS MS HT

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	i info	PART. NO.	
M6x1.0	2.0	2.5	8	12	5	1	1000.06.91.025	50
M6x1.0	2.5	3.0	8	12	5	1	1000.06.91.030	50
M6x1.0	3.0	3.5	8	12	5	1	1000.06.91.035	50
M8x1.25	2.5	3.5	11	14	5	1	1000.08.91.035	50
M8x1.25	3.5	5.0	11	14	5	1	1000.08.91.050	50
M10x1.5	3.0	4.0	13	15	5	1	1000.10.91.040	50
M10x1.5	4.0	6.0	13	15	5	1	1000.10.91.060	50
M12x1.5	3.5	5.0	15	17	5	-	1000.12.91.050	50
M12x1.5	5.0	6.5	15	17	5	-	1000.12.91.065	50
M12x1.5	6.5	8.0	15	17	5	-	1000.12.91.080	50
M16x1.5	8.0	10.5	18	22	5	-	1000.17.91.105	50
M20x1.5	11.0	15.0	24	23	6	-	1000.20.91.150	50
M25x1.5	16.0	20.5	30	28	7	-	1000.25.91.205	25
M32x1.5	21.0	25.5	36	28	8	-	1000.32.91.255	25
M40x1.5	28.5	33.0	46	31	8	-	1000.40.91.330	10
M50x1.5	37.0	42.0	55	34	9	-	1000.50.91.420	10
M63x1.5	46.0	52.0	70	37	10	-	1000.63.91.520	5

1 = METRIC COARSE-PITCH THREAD



PROGRESS MS HT

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
M16x1.5	6.0	10.5	18	22	5	1000.17.92	50
M20x1.5	8.0	15.0	24	23	6	1000.20.92	50
M25x1.5	12.5	20.5	30	28	7	1000.25.92	25
M32x1.5	17.0	25.5	36	28	8	1000.32.92	25
M40x1.5	24.0	33.0	46	31	8	1000.40.92	10
M50x1.5	33.0	42.0	55	34	9	1000.50.92	10
M63x1.5	40.0	52.0	70	37	10	1000.63.92	5





CABLE GLANDS NICKEL-PLATED BRASS FOR HIGH TEMPERATURE APPLICATIONS LONG ENTRY THREAD METRIC



MATERIAL:	NICKEL-PLATED BRASS
SEAL:	FPM
O-RING:	FPM
STRAIN RELIEF:	ACCORDING TO EN 50262 VERSION A
TEMPERATURE RANGE:	-40°C / +200°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K

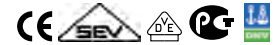


PROGRESS MS HT

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	i info	PART. NO.	
M6x1.0	2.0	2.5	8	12	8	1	1100.06.91.025	50
M6x1.0	2.5	3.0	8	12	8	1	1100.06.91.030	50
M6x1.0	3.0	3.5	8	12	8	1	1100.06.91.035	50
M8x1.25	2.5	3.5	11	14	10	1	1100.08.91.035	50
M8x1.25	3.5	5.0	11	14	10	1	1100.08.91.050	50
M10x1.5	3.0	4.0	13	15	10	1	1100.10.91.040	50
M10x1.5	4.0	6.0	13	15	10	1	1100.10.91.060	50
M12x1.5	3.5	5.0	15	17	10	-	1100.12.91.050	50
M12x1.5	5.0	6.5	15	17	10	-	1100.12.91.065	50
M12x1.5	6.5	8.0	15	17	10	-	1100.12.91.080	50
M16x1.5	8.0	10.5	18	22	10	-	1100.17.91.105	50
M20x1.5	11.0	15.0	24	23	10	-	1100.20.91.150	50
M25x1.5	16.0	20.5	30	28	11	-	1100.25.91.205	25
M32x1.5	21.0	25.5	36	28	13	-	1100.32.91.255	25
M40x1.5	28.5	33.0	46	31	13	-	1100.40.91.330	10
M50x1.5	37.0	42.0	55	34	14	-	1100.50.91.420	10
M63x1.5	46.0	52.0	70	37	14	-	1100.63.91.520	5

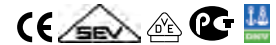
1 = METRIC COARSE-PITCH THREAD



PROGRESS MS HT

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
M16x1.5	6.0	10.5	18	22	10	1100.17.92	50
M20x1.5	8.0	15.0	24	23	10	1100.20.92	50
M25x1.5	12.5	20.5	30	28	11	1100.25.92	25
M32x1.5	17.0	25.5	36	28	13	1100.32.92	25
M40x1.5	24.0	33.0	46	31	13	1100.40.92	10
M50x1.5	33.0	42.0	55	34	14	1100.50.92	10
M63x1.5	40.0	52.0	70	37	14	1100.63.92	5

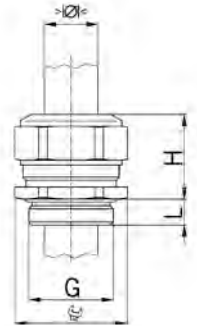


CABLE GLANDS NICKEL-PLATED BRASS

FOR HIGH TEMPERATURE APPLICATIONS

SHORT ENTRY THREAD PG

MATERIAL: NICKEL-PLATED BRASS
 SEAL: FPM
 O-RING: FPM
 TEMPERATURE RANGE: -40°C / +200°C
 PROTECTION CLASS: IP 68 (UP TO 10 BAR)
 PROTECTION TYPE ADDITION: IP 69K



PROGRESS MS HT

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
Pg 7	3.5	5.0	15	17	6	1000.07.91.050	50
Pg 7	5.0	6.5	15	17	6	1000.07.91.065	50
Pg 7	6.5	8.0	15	17	6	1000.07.91.080	50
Pg 9	8.0	10.5	18	22	6	1000.09.91.105	50
Pg 11	8.5	12.0	21	21	6	1000.11.91.120	50
Pg 13	11.0	15.0	24	23	6	1000.13.91.150	50
Pg 16	11.0	15.0	24	23	6	1000.16.91.150	50
Pg 21	16.0	20.5	30	28	7	1000.21.91.205	25
Pg 29	23.0	27.5	38	28	8	1000.29.91.275	25
Pg 36	30.5	35.0	50	32	8	1000.36.91.350	10
Pg 42	37.0	42.0	55	34	10	1000.42.91.420	10
Pg 48	43.0	49.0	65	37	11	1000.48.91.490	10



PROGRESS MS HT

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
Pg 9	6.0	10.5	18	22	6	1000.09.92	50
Pg 11	5.5	12.0	21	21	6	1000.11.92	50
Pg 13	8.0	15.0	24	23	6	1000.13.92	50
Pg 16	8.0	15.0	24	23	6	1000.16.92	50
Pg 21	12.5	20.5	30	28	7	1000.21.92	25
Pg 29	19.0	27.5	38	28	8	1000.29.92	25
Pg 36	26.0	35.0	50	32	8	1000.36.92	10
Pg 42	33.0	42.0	55	34	10	1000.42.92	10
Pg 48	37.0	49.0	65	37	11	1000.48.92	10





CABLE GLANDS NICKEL-PLATED BRASS

FOR HIGH TEMPERATURE APPLICATIONS

LONG ENTRY THREAD PG



MATERIAL: NICKEL-PLATED BRASS
 SEAL: FPM
 O-RING: FPM
 TEMPERATURE RANGE: -40°C / +200°C
 PROTECTION CLASS: IP 68 (UP TO 10 BAR)
 PROTECTION TYPE ADDITION: IP 69K



PROGRESS MS HT



ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
PG 7	3.5	5.0	15	17	10	1100.07.91.050	50
PG 7	5.0	6.5	15	17	10	1100.07.91.065	50
PG 7	6.5	8.0	15	17	10	1100.07.91.080	50
PG 9	8.0	10.5	18	22	10	1100.09.91.105	50
PG 11	8.5	12.0	21	21	10	1100.11.91.120	50
PG 13	11.0	15.0	24	23	10	1100.13.91.150	50
PG 16	11.0	15.0	24	23	10	1100.16.91.150	50
PG 21	16.0	20.5	30	28	12	1100.21.91.205	25
PG 29	23.0	27.5	38	28	12	1100.29.91.275	25
PG 36	30.5	35.0	50	32	15	1100.36.91.350	10
PG 42	37.0	42.0	55	34	15	1100.42.91.420	10
PG 48	43.0	49.0	65	37	15	1100.48.91.490	10



PROGRESS MS HT



TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

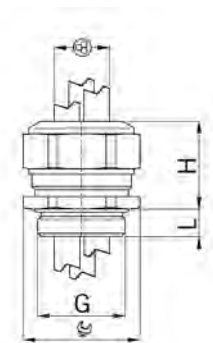
G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
PG 9	6.0	10.5	18	22	10	1100.09.92	50
PG 11	5.5	12.0	21	21	10	1100.11.92	50
PG 13	8.0	15.0	24	23	10	1100.13.92	50
PG 16	8.0	15.0	24	23	10	1100.16.92	50
PG 21	12.5	20.5	30	28	12	1100.21.92	25
PG 29	19.0	27.5	38	28	12	1100.29.92	25
PG 36	26.0	35.0	50	32	15	1100.36.92	10
PG 42	33.0	42.0	55	34	15	1100.42.92	10
PG 48	37.0	49.0	65	37	15	1100.48.92	10

CABLE GLANDS NICKEL-PLATED BRASS

FOR INSTALLATION OF MULTIPLE CABLES

SHORT ENTRY THREAD METRIC

MATERIAL: NICKEL-PLATED BRASS
 SEAL: TPE
 O-RING: NBR
 STRAIN RELIEF: ACCORDING TO EN 50262 VERSION A
 TEMPERATURE RANGE: -40°C / +100°C
 PROTECTION CLASS: IP 68



PROGRESS MS MULTI

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm			H mm	L mm	PART. NO.	
M16x1.5	2.0	3.0	2	18	22	5	1310.17.2.030	50
M16x1.5	2.5	4.0	2	18	22	5	1310.17.2.040	50
M16x1.5	3.5	5.0	2	18	22	5	1310.17.2.050	50
M20x1.5	3.5	5.0	2	24	23	6	1310.20.2.050	50
M20x1.5	4.5	6.0	2	24	23	6	1310.20.2.060	50
M20x1.5	5.5	7.5	2	24	23	6	1310.20.2.075	50
M20x1.5	3.5	5.0	3	24	23	6	1310.20.3.050	50
M20x1.5	4.5	6.0	3	24	23	6	1310.20.3.060	50
M20x1.5	5.2	6.5	3	24	23	6	1310.20.3.065	50
M20x1.5	3.5	5.0	4	24	23	6	1310.20.4.050	50
M20x1.5	4.5	6.0	4	24	23	6	1310.20.4.060	50
M25x1.5	5.0	7.0	2	30	28	7	1310.25.2.070	25
M25x1.5	6.7	9.0	2	30	28	7	1310.25.2.090	25
M25x1.5	7.7	10.0	2	30	28	7	1310.25.2.100	25
M25x1.5	5.5	7.0	3	30	28	7	1310.25.3.070	25
M25x1.5	6.8	9.0	3	30	28	7	1310.25.3.090	25
M25x1.5	5.5	7.0	4	30	28	7	1310.25.4.070	25
M25x1.5	4.8	6.0	6	30	28	7	1310.25.6.060	25
M32x1.5	9.0	11.5	2	36	28	8	1310.32.2.115	25
M32x1.5	7.0	9.0	3	36	28	8	1310.32.3.090	25
M32x1.5	8.5	10.5	3	36	28	8	1310.32.3.105	25
M32x1.5	7.0	9.0	4	36	28	8	1310.32.4.090	25
M32x1.5	5.8	7.0	6	36	28	8	1310.32.6.070	25



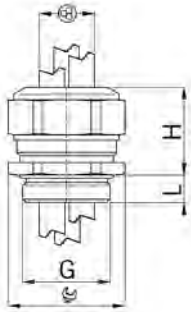
FURTHER VERSIONS AND LARGER ENTRY THREADS ARE AVAILABLE UPON REQUEST.



CABLE GLANDS NICKEL-PLATED BRASS

FOR INSTALLATION OF MULTIPLE CABLES

LONG ENTRY THREAD METRIC

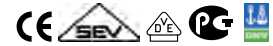


MATERIAL: NICKEL-PLATED BRASS
SEAL: TPE
O-RING: NBR
STRAIN RELIEF: ACCORDING TO EN 50262 VERSION A
TEMPERATURE RANGE: -40°C / +100°C
PROTECTION CLASS: IP 68



PROGRESS MS MULTI

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED



G	>Ø< min mm	>Ø< max mm			H mm	L mm	PART. NO.	
M16x1.5	2.0	3.0	2	18	22	10	1311.17.2.030	50
M16x1.5	2.5	4.0	2	18	22	10	1311.17.2.040	50
M16x1.5	3.5	5.0	2	18	22	10	1311.17.2.050	50
M20x1.5	3.5	5.0	2	24	23	10	1311.20.2.050	50
M20x1.5	4.5	6.0	2	24	23	10	1311.20.2.060	50
M20x1.5	5.5	7.5	2	24	23	10	1311.20.2.075	50
M20x1.5	3.5	5.0	3	24	23	10	1311.20.3.050	50
M20x1.5	4.5	6.0	3	24	23	10	1311.20.3.060	50
M20x1.5	5.2	6.5	3	24	23	10	1311.20.3.065	50
M20x1.5	3.5	5.0	4	24	23	10	1311.20.4.050	50
M20x1.5	4.5	6.0	4	24	23	10	1311.20.4.060	50
M25x1.5	5.0	7.0	2	30	28	11	1311.25.2.070	25
M25x1.5	6.7	9.0	2	30	28	11	1311.25.2.090	25
M25x1.5	7.7	10.0	2	30	28	11	1311.25.2.100	25
M25x1.5	5.5	7.0	3	30	28	11	1311.25.3.070	25
M25x1.5	6.8	9.0	3	30	28	11	1311.25.3.090	25
M25x1.5	5.5	7.0	4	30	28	11	1311.25.4.070	25
M25x1.5	4.8	6.0	6	30	28	11	1311.25.6.060	25
M32x1.5	9.0	11.5	2	36	28	13	1311.32.2.115	25
M32x1.5	7.0	9.0	3	36	28	13	1311.32.3.090	25
M32x1.5	8.5	10.5	3	36	28	13	1311.32.3.105	25
M32x1.5	7.0	9.0	4	36	28	13	1311.32.4.090	25
M32x1.5	5.8	7.0	6	36	28	13	1311.32.6.070	25

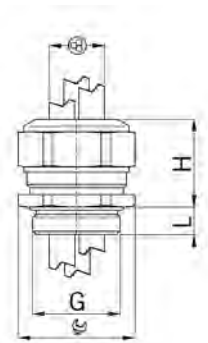
FURTHER VERSIONS AND LARGER ENTRY THREADS ARE AVAILABLE UPON REQUEST.

CABLE GLANDS NICKEL-PLATED BRASS

FOR INSTALLATION OF MULTIPLE CABLES

SHORT ENTRY THREAD PG

MATERIAL: NICKEL-PLATED BRASS
 SEAL: TPE
 O-RING: NBR
 TEMPERATURE RANGE: -40°C / +100°C
 PROTECTION CLASS: IP 68



PROGRESS MS MULTI

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm			H mm	L mm	PART. NO.	
Pg 9	2.0	3.0	2	18	22	6.0	1310.09.2.030	50
Pg 9	2.5	4.0	2	18	22	6.0	1310.09.2.040	50
Pg 9	3.5	5.0	2	18	22	6.0	1310.09.2.050	50
Pg 11	3.5	5.0	2	21	21	6.0	1310.11.2.050	50
Pg 11	4.5	6.0	2	21	21	6.0	1310.11.2.060	50
Pg 11	5.5	7.5	2	24	23	6.0	1310.11.2.075	50
Pg 11	3.5	5.0	3	21	21	6.0	1310.11.3.050	50
Pg 13	3.5	5.0	2	24	23	6.0	1310.13.2.050	50
Pg 13	4.5	6.0	2	24	23	6.0	1310.13.2.060	50
Pg 13	5.5	7.5	2	24	23	6.0	1310.13.2.075	50
Pg 13	3.5	5.0	3	24	23	6.0	1310.13.3.050	50
Pg 13	4.5	6.0	3	24	23	6.0	1310.13.3.060	50
Pg 13	5.2	6.5	3	24	23	6.0	1310.13.3.065	50
Pg 13	3.5	5.0	4	24	23	6.0	1310.13.4.050	50
Pg 13	4.5	6.0	4	24	23	6.0	1310.13.4.060	50
Pg 16	3.5	5.0	2	24	23	6.0	1310.16.2.050	50
Pg 16	4.5	6.0	2	24	23	6.0	1310.16.2.060	50
Pg 16	5.5	7.5	2	24	23	6.0	1310.16.2.075	50
Pg 16	6.7	9.0	2	30	28	6.0	1310.16.2.090	25
Pg 16	3.5	5.0	3	24	23	6.0	1310.16.3.050	50
Pg 16	4.5	6.0	3	24	23	6.0	1310.16.3.060	50
Pg 16	5.0	7.0	3	30	28	6.0	1310.16.3.070	25
Pg 16	3.5	5.0	4	24	23	6.0	1310.16.4.050	50
Pg 16	4.5	6.0	4	24	23	6.0	1310.16.4.060	50
Pg 16	5.5	7.0	4	30	28	6.0	1310.16.4.070	25
Pg 21	5.0	7.0	2	30	28	7.5	1310.21.2.070	25
Pg 21	6.7	9.0	2	30	28	7.5	1310.21.2.090	25
Pg 21	7.7	10.0	2	30	28	7.5	1310.21.2.100	25
Pg 21	9.0	11.5	2	36	28	7.5	1310.21.2.115	25
Pg 21	5.5	7.0	3	30	28	7.5	1310.21.3.070	25
Pg 21	6.8	9.0	3	30	28	7.5	1310.21.3.090	25
Pg 21	8.5	10.5	3	36	28	7.5	1310.21.3.105	25
Pg 21	5.5	7.0	4	30	28	7.5	1310.21.4.070	25
Pg 21	7.0	9.0	4	36	28	7.5	1310.21.4.090	25
Pg 21	4.8	6.0	6	30	28	7.5	1310.21.6.060	25
Pg 21	5.8	7.0	6	36	28	7.5	1310.21.6.070	25
Pg 29	7.5	9.0	3	38	28	8.0	1310.29.3.090	25



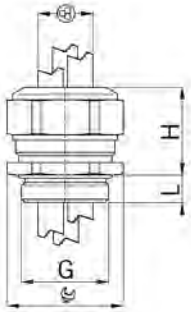
FURTHER VERSIONS AND LARGER ENTRY THREADS ARE AVAILABLE UPON REQUEST.



CABLE GLANDS NICKEL-PLATED BRASS

FOR INSTALLATION OF MULTIPLE CABLES

LONG ENTRY THREAD PG



MATERIAL: NICKEL-PLATED BRASS
SEAL: TPE
O-RING: NBR
TEMPERATURE RANGE: -40°C / +100°C
PROTECTION CLASS: IP 68



PROGRESS MS MULTI

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	$\begin{matrix} >0< \\ \text{min mm} \end{matrix}$	$\begin{matrix} >0< \\ \text{max mm} \end{matrix}$			H mm	L mm	PART. NO.	
Pg 9	2.0	3.0	2	18	22	10	1311.09.2.030	50
Pg 9	2.5	4.0	2	18	22	10	1311.09.2.040	50
Pg 9	3.5	5.0	2	18	22	10	1311.09.2.050	50
Pg 11	3.5	5.0	2	21	21	10	1311.11.2.050	50
Pg 11	4.5	6.0	2	21	21	10	1311.11.2.060	50
Pg 11	5.5	7.5	2	24	23	10	1311.11.2.075	50
Pg 11	3.5	5.0	3	21	21	10	1311.11.3.050	50
Pg 13	3.5	5.0	2	24	23	10	1311.13.2.050	50
Pg 13	4.5	6.0	2	24	23	10	1311.13.2.060	50
Pg 13	5.5	7.5	2	24	23	10	1311.13.2.075	50
Pg 13	3.5	5.0	3	24	23	10	1311.13.3.050	50
Pg 13	4.5	6.0	3	24	23	10	1311.13.3.060	50
Pg 13	5.2	6.5	3	24	23	10	1311.13.3.065	50
Pg 13	3.5	5.0	4	24	23	10	1311.13.4.050	50
Pg 13	4.5	6.0	4	24	23	10	1311.13.4.060	50
Pg 16	3.5	5.0	2	24	23	10	1311.16.2.050	50
Pg 16	4.5	6.0	2	24	23	10	1311.16.2.060	50
Pg 16	5.5	7.5	2	24	23	10	1311.16.2.075	50
Pg 16	6.7	9.0	2	30	28	10	1311.16.2.090	25
Pg 16	3.5	5.0	3	24	23	10	1311.16.3.050	50
Pg 16	4.5	6.0	3	24	23	10	1311.16.3.060	50
Pg 16	5.0	7.0	3	30	28	10	1311.16.3.070	25
Pg 16	3.5	5.0	4	24	23	10	1311.16.4.050	50
Pg 16	4.5	6.0	4	24	23	10	1311.16.4.060	50
Pg 16	5.5	7.0	4	30	28	10	1311.16.4.070	25
Pg 21	5.0	7.0	2	30	28	12	1311.21.2.070	25
Pg 21	6.7	9.0	2	30	28	12	1311.21.2.090	25
Pg 21	7.7	10.0	2	30	28	12	1311.21.2.100	25
Pg 21	9.0	11.5	2	36	28	12	1311.21.2.115	25
Pg 21	5.5	7.0	3	30	28	12	1311.21.3.070	25
Pg 21	6.8	9.0	3	30	28	12	1311.21.3.090	25
Pg 21	8.5	10.5	3	36	28	12	1311.21.3.105	25
Pg 21	5.5	7.0	4	30	28	12	1311.21.4.070	25
Pg 21	7.0	9.0	4	36	28	12	1311.21.4.090	25
Pg 21	4.8	6.0	6	30	28	12	1311.21.6.060	25
Pg 21	5.8	7.0	6	36	28	12	1311.21.6.070	25
Pg 29	7.5	9.0	3	38	28	12	1311.29.3.090	25

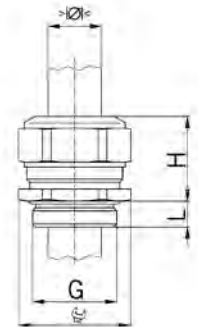
FURTHER VERSIONS AND LARGER ENTRY THREADS ARE AVAILABLE UPON REQUEST.

CABLE GLANDS NICKEL-PLATED BRASS

WITH SEALING INSERT WITHOUT DRILLED HOLE

SHORT ENTRY THREAD METRIC

MATERIAL:	NICKEL-PLATED BRASS
SEAL:	NBR, WITHOUT DRILLED HOLE
O-RING:	NBR
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K



PROGRESS MS NBR

ONE-PIECE SOLID SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< max mm	 mm	H mm	L mm	i info	PART. NO.	
M6x1.0	3.5	8	12	5	1	1000.06.30	50
M8x1.25	5.0	11	14	5	1	1000.08.30	50
M10x1.5	6.0	13	15	5	1	1000.10.30	50
M12x1.5	8.0	15	17	5	-	1000.12.30	50
M16x1.5	10.5	18	22	5	-	1000.17.30	50
M20x1.5	15.0	24	23	6	-	1000.20.30	50
M25x1.5	20.5	30	28	7	-	1000.25.30	25
M32x1.5	25.5	36	28	8	-	1000.32.30	25
M40x1.5	33.0	46	31	8	-	1000.40.30	10
M50x1.5	42.0	55	34	9	-	1000.50.30	10
M63x1.5	52.0	70	37	10	-	1000.63.30	5

1 = METRIC COARSE-PITCH THREAD

TECHNICAL NOTE

WHEN FROZEN TO AT LEAST -25°C, THE SOLID SEALING INSERTS ARE EASY TO DRILL.



SHORT ENTRY THREAD PG

PROGRESS MS NBR

ONE-PIECE SOLID SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
Pg 7	8.0	15	17	6.0	1000.07.30	50
Pg 9	10.5	18	22	6.0	1000.09.30	50
Pg 11	12.0	21	21	6.0	1000.11.30	50
Pg 11	15.0	24	23	6.0	1000.11.20.30	50
Pg 13	15.0	24	23	6.0	1000.13.30	50
Pg 16	15.0	24	23	6.0	1000.16.30	50
Pg 16	18.5	30	28	6.0	1000.16.25.30	25
Pg 21	20.5	30	28	7.5	1000.21.30	25
Pg 21	23.0	36	28	7.5	1000.21.32.30	25
Pg 29	27.5	38	28	8.0	1000.29.30	25
Pg 29	33.0	46	31	8.0	1000.29.40.30	25
Pg 36	35.0	50	32	8.0	1000.36.30	10
Pg 36	42.0	55	34	8.0	1000.36.50.30	10
Pg 42	42.0	55	34	10.0	1000.42.30	10
Pg 48	49.0	65	37	11.0	1000.48.30	10

TECHNICAL NOTE

WHEN FROZEN TO AT LEAST -25°C, THE SOLID SEALING INSERTS ARE EASY TO DRILL.

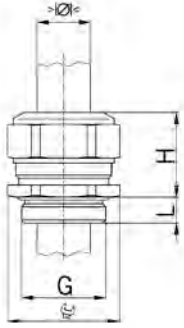




CABLE GLANDS NICKEL-PLATED BRASS

WITH SEALING INSERT WITHOUT DRILLED HOLE

SHORT ENTRY THREAD METRIC



MATERIAL:	NICKEL-PLATED BRASS
SEAL:	FPM, WITHOUT DRILLED HOLE
O-RING:	FPM
TEMPERATURE RANGE:	-40°C / +200°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K

PROGRESS MS FPM



FOR HIGH TEMPERATURE APPLICATIONS / ONE-PIECE SOLID SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< max mm	 mm	H mm	L mm	i info	PART. NO.	
M6x1.0	3.5	8	12	5	1	1000.06.30.91	50
M8x1.25	5.0	11	14	5	1	1000.08.30.91	50
M10x1.5	6.0	13	15	5	1	1000.10.30.91	50
M12x1.5	8.0	15	17	5	-	1000.12.30.91	50
M16x1.5	10.5	18	22	5	-	1000.17.30.91	50
M20x1.5	15.0	24	23	6	-	1000.20.30.91	50
M25x1.5	20.5	30	28	7	-	1000.25.30.91	25
M32x1.5	25.5	36	28	8	-	1000.32.30.91	25
M40x1.5	33.0	46	31	8	-	1000.40.30.91	10
M50x1.5	42.0	55	34	9	-	1000.50.30.91	10
M63x1.5	52.0	70	37	10	-	1000.63.30.91	5

1 = METRIC COARSE-PITCH THREAD

TECHNICAL NOTE

WHEN FROZEN TO AT LEAST -25°C, THE SOLID SEALING INSERTS ARE EASY TO DRILL.

SHORT ENTRY THREAD PG

PROGRESS MS FPM



FOR HIGH TEMPERATURE APPLICATIONS / ONE-PIECE SOLID SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
Pg 7	8.0	15	17	6.0	1000.07.30.91	50
Pg 9	10.5	18	22	6.0	1000.09.30.91	50
Pg 11	12.0	21	21	6.0	1000.11.30.91	50
Pg 11	15.0	24	23	6.0	1000.11.20.30.91	50
Pg 13	15.0	24	23	6.0	1000.13.30.91	50
Pg 16	15.0	24	23	6.0	1000.16.30.91	50
Pg 16	18.5	30	28	6.0	1000.16.25.30.91	25
Pg 21	20.5	30	28	7.5	1000.21.30.91	25
Pg 21	23.0	36	28	7.5	1000.21.32.30.91	25
Pg 29	27.5	38	28	8.0	1000.29.30.91	25
Pg 29	33.0	46	31	8.0	1000.29.40.30.91	25
Pg 36	35.0	50	32	8.0	1000.36.30.91	10
Pg 36	42.0	55	34	8.0	1000.36.50.30.91	10
Pg 42	42.0	55	34	10.0	1000.42.30.91	10
Pg 48	49.0	65	37	11.0	1000.48.30.91	10

TECHNICAL NOTE

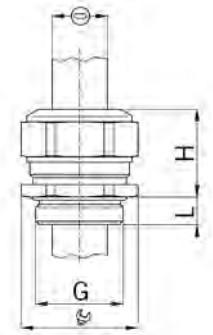
WHEN FROZEN TO AT LEAST -25°C, THE SOLID SEALING INSERTS ARE EASY TO DRILL.

CABLE GLANDS NICKEL-PLATED BRASS

FOR FLAT CABLES

SHORT ENTRY THREAD METRIC

MATERIAL:	NICKEL-PLATED BRASS
SEAL:	TPE
O-RING:	NBR
STRAIN RELIEF:	ACCORDING TO EN 50262 VERSION A
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68



PROGRESS MS FK

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	 min mm	 max mm	 mm	H mm	L mm	PART. NO.	
M16x1.5	7.3x2.5	9.0x4.2	18	22	5	1300.17.090.042	50
M20x1.5	10.5x2.5	13.0x5.0	24	23	6	1300.20.130.050	50
M20x1.5	12.5x2.5	15.0x5.0	24	23	6	1300.20.150.050	50
M25x1.5	16.0x4.0	19.0x7.0	30	28	7	1300.25.190.070	25
M32x1.5	19.0x3.0	22.0x6.0	36	28	8	1300.32.220.060	25
M32x1.5	19.0x5.0	22.0x8.0	36	28	8	1300.32.220.080	25
M40x1.5	23.0x4.0	26.0x7.0	46	31	8	1300.40.260.070	10
M40x1.5	23.5x6.0	26.5x9.0	46	31	8	1300.40.265.090	10
M40x1.5	25.0x3.0	28.0x6.0	46	31	8	1300.40.280.060	10
M40x1.5	27.0x7.0	30.0x10.0	46	31	8	1300.40.300.100	10
M40x1.5	29.0x6.0	32.0x9.0	46	31	8	1300.40.320.090	10
M40x1.5	30.0x3.5	33.0x6.5	46	31	8	1300.40.330.065	10
M50x1.5	31.0x8.5	34.0x11.5	55	34	9	1300.50.340.115	10
M50x1.5	34.0x4.0	37.0x7.0	55	34	9	1300.50.370.070	10
M50x1.5	36.5x2.5	40.0x6.0	55	34	9	1300.50.400.060	10
M50x1.5	36.5x10.0	40.0x13.5	55	34	9	1300.50.400.135	10
M50x1.5	38.5x10.5	42.0x14.0	55	34	9	1300.50.420.140	10
M63x1.5	42.0x10.0	46.0x14.0	70	37	10	1300.63.460.140	5
M63x1.5	42.5x2.0	46.5x6.0	70	37	10	1300.63.465.060	5



LONG ENTRY THREAD PG

PROGRESS MS FK

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	 min mm	 max mm	 mm	H mm	L mm	PART. NO.	
M16x1.5	7.3x2.5	9.0x4.2	18	22	10	1301.17.090.042	50
M20x1.5	10.5x2.5	13.0x5.0	24	23	10	1301.20.130.050	50
M20x1.5	12.5x2.5	15.0x5.0	24	23	10	1301.20.150.050	50
M25x1.5	16.0x4.0	19.0x7.0	30	28	11	1301.25.190.070	25
M32x1.5	19.0x3.0	22.0x6.0	36	28	13	1301.32.220.060	25
M32x1.5	19.0x5.0	22.0x8.0	36	28	13	1301.32.220.080	25
M40x1.5	23.0x4.0	26.0x7.0	46	31	13	1301.40.260.070	10
M40x1.5	23.5x6.0	26.5x9.0	46	31	13	1301.40.265.090	10
M40x1.5	25.0x3.0	28.0x6.0	46	31	13	1301.40.280.060	10
M40x1.5	27.0x7.0	30.0x10.0	46	31	13	1301.40.300.100	10
M40x1.5	29.0x6.0	32.0x9.0	46	31	13	1301.40.320.090	10
M40x1.5	30.0x3.5	33.0x6.5	46	31	13	1301.40.330.065	10
M50x1.5	31.0x8.5	34.0x11.5	55	34	14	1301.50.340.115	10
M50x1.5	34.0x4.0	37.0x7.0	55	34	14	1301.50.370.070	10
M50x1.5	36.5x2.5	40.0x6.0	55	34	14	1301.50.400.060	10
M50x1.5	36.5x10.0	40.0x13.5	55	34	14	1301.50.400.135	10
M50x1.5	38.5x10.5	42.0x14.0	55	34	14	1301.50.420.140	10
M63x1.5	42.0x10.0	46.0x14.0	70	37	14	1301.63.460.140	5
M63x1.5	42.5x2.0	46.5x6.0	70	37	14	1301.63.465.060	5

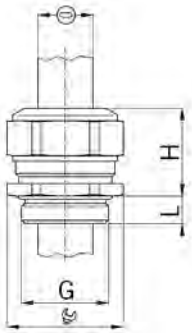




CABLE GLANDS NICKEL-PLATED BRASS

FOR FLAT CABLES

SHORT ENTRY THREAD PG



MATERIAL: NICKEL-PLATED BRASS
SEAL: TPE
O-RING: NBR
TEMPERATURE RANGE: -40°C / +100°C
PROTECTION CLASS: IP 68

PROGRESS MS FK

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G						PART. NO.	
	min mm	max mm	mm	mm	mm		
Pg 9	7.3x2.5	9.0x4.2	18	22	6.0	1300.09.090.042	50
Pg 13	10.5x2.5	13.0x5.0	24	23	6.0	1300.13.130.050	50
Pg 13	12.5x2.5	15.0x5.0	24	23	6.0	1300.13.150.050	50
Pg 16	10.5x2.5	13.0x5.0	24	23	6.0	1300.16.130.050	50
Pg 16	12.5x2.5	15.0x5.0	24	23	6.0	1300.16.150.050	50
Pg 21	16.0x4.0	19.0x7.0	30	28	7.5	1300.21.190.070	25
Pg 21	19.0x3.0	22.0x6.0	36	28	7.5	1300.21.220.060	25
Pg 21	19.0x5.0	22.0x8.0	36	28	7.5	1300.21.220.080	25
Pg 29	23.0x4.0	26.0x7.0	46	31	8.0	1300.29.260.070	25
Pg 29	23.5x6.0	26.5x9.0	46	31	8.0	1300.29.265.090	25
Pg 29	25.0x3.0	28.0x6.0	46	31	8.0	1300.29.280.060	25
Pg 29	27.0x7.0	30.0x10.0	46	31	8.0	1300.29.300.100	25
Pg 29	29.0x6.0	32.0x9.0	46	31	8.0	1300.29.320.090	25
Pg 29	30.0x3.5	33.0x6.5	46	31	8.0	1300.29.330.065	25
Pg 42	31.0x8.5	34.0x11.5	55	34	10.0	1300.42.340.115	10
Pg 42	34.0x4.0	37.0x7.0	55	34	10.0	1300.42.370.070	10
Pg 42	36.5x2.5	40.0x6.0	55	34	10.0	1300.42.400.060	10
Pg 42	36.5x10.0	40.0x13.5	55	34	10.0	1300.42.400.135	10
Pg 42	38.5x10.5	42.0x14.0	55	34	10.0	1300.42.420.140	10
Pg 48	42.0x10.0	46.0x14.0	65	37	11.0	1300.48.460.140	10
Pg 48	42.5x2.0	46.5x6.0	65	37	11.0	1300.48.465.060	10

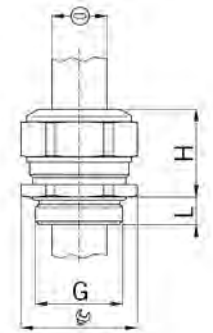


CABLE GLANDS NICKEL-PLATED BRASS

FOR FLAT CABLES

LONG ENTRY THREAD PG

MATERIAL: NICKEL-PLATED BRASS
 SEAL: TPE
 O-RING: NBR
 TEMPERATURE RANGE: -40°C / +100°C
 PROTECTION CLASS: IP 68



PROGRESS MS FK

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	 min mm	 max mm	 mm	H mm	L mm	PART. NO.	
PG 9	7.3x2.5	9.0x4.2	18	22	10	1301.09.090.042	50
PG 13	10.5x2.5	13.0x5.0	24	23	10	1301.13.130.050	50
PG 13	12.5x2.5	15.0x5.0	24	23	10	1301.13.150.050	50
PG 16	10.5x2.5	13.0x5.0	24	23	10	1301.16.130.050	50
PG 16	12.5x2.5	15.0x5.0	24	23	10	1301.16.150.050	50
PG 21	16.0x4.0	19.0x7.0	30	28	12	1301.21.190.070	25
PG 21	19.0x3.0	22.0x6.0	36	28	12	1301.21.220.060	25
PG 21	19.0x5.0	22.0x8.0	36	28	12	1301.21.220.080	25
PG 29	23.0x4.0	26.0x7.0	46	31	12	1301.29.260.070	25
PG 29	23.5x6.0	26.5x9.0	46	31	12	1301.29.265.090	25
PG 29	25.0x3.0	28.0x6.0	46	31	12	1301.29.280.060	25
PG 29	27.0x7.0	30.0x10.0	46	31	12	1301.29.300.100	25
PG 29	29.0x6.0	32.0x9.0	46	31	12	1301.29.320.090	25
PG 29	30.0x3.5	33.0x6.5	46	31	12	1301.29.330.065	25
PG 42	31.0x8.5	34.0x11.5	55	34	15	1301.42.340.115	10
PG 42	34.0x4.0	37.0x7.0	55	34	15	1301.42.370.070	10
PG 42	36.5x2.5	40.0x6.0	55	34	15	1301.42.400.060	10
PG 42	36.5x10.0	40.0x13.5	55	34	15	1301.42.400.135	10
PG 42	38.5x10.5	42.0x14.0	55	34	15	1301.42.420.140	10
PG 48	42.0x10.0	46.0x14.0	65	37	15	1301.48.460.140	10
PG 48	42.5x2.0	46.5x6.0	65	37	15	1301.48.465.060	10

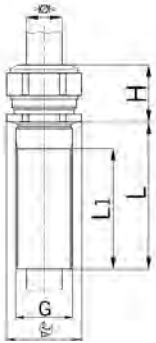




CABLE GLANDS NICKEL-PLATED BRASS

WITH SPECIAL ENTRY THREAD

EXTRA-LONG ENTRY THREAD METRIC



MATERIAL:	NICKEL-PLATED BRASS
SEAL:	TPE
O-RING:	NBR
STRAIN RELIEF:	ACCORDING TO EN 50262 VERSION A
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE	IP 69K
ADDITION:	



PROGRESS MS L

ENTRY THREAD METRIC, 50 MM LONG / TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

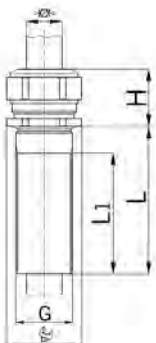
G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	PART. NO.	
M16x1.5	6.0	10.5	24/18	22	50	1100.17.50	10
M20x1.5	8.0	15.0	30/24	23	50	1100.20.50	10
M25x1.5	12.5	20.5	36/30	28	50	1100.25.50	10
M32x1.5	17.0	25.5	46/36	28	50	1100.32.50	10
M40x1.5	24.0	33.0	55/46	31	50	1100.40.50	10

L1 = L - 10MM

FURTHER DIMENSIONS UPON REQUEST



SPECIALLY LONG ENTRY THREAD PG



MATERIAL:	NICKEL-PLATED BRASS
SEAL:	TPE
O-RING:	NBR
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K



PROGRESS MS L

ENTRY THREAD PG, 50 MM LONG / TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	PART. NO.	
Pg 11	5.5	12.0	27/21	21	50	1100.11.50	10
Pg 13	8.0	15.0	30/24	23	50	1100.13.50	10
Pg 16	8.0	15.0	30/24	23	50	1100.16.50	10
Pg 21	12.5	20.5	38/30	28	50	1100.21.50	10
Pg 29	19.0	27.5	46/38	28	50	1100.29.50	10

L1 = L - 10MM

FURTHER DIMENSIONS UPON REQUEST



CABLE GLANDS NICKEL-PLATED BRASS

WITH SPECIAL ENTRY THREAD

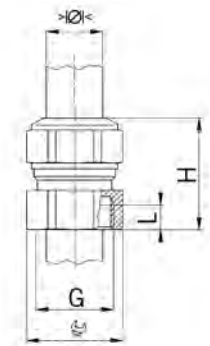
INNER THREAD METRIC

MATERIAL:	NICKEL-PLATED BRASS
SEAL:	TPE
STRAIN RELIEF:	ACCORDING TO EN 50262 VERSION A
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68, IF THE ENTRY THREAD IS SEALED
PROTECTION TYPE ADDITION:	IP 69K

PROGRESS MS IG

INTERNAL THREAD METRIC / TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	$\begin{matrix} >\varnothing< \\ \text{min mm} \end{matrix}$	$\begin{matrix} >\varnothing< \\ \text{max mm} \end{matrix}$	$\begin{matrix} \text{mm} \end{matrix}$	H mm	L mm	PART. NO.	
M16x1.5	6.0	10.5	18	28	6	1400.17	25
M20x1.5	8.0	15.0	24	31	6	1400.20	25
M25x1.5	12.5	20.5	30	40	10	1400.25	25



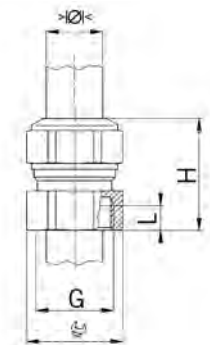
INNER THREAD PG

MATERIAL:	NICKEL-PLATED BRASS
SEAL:	TPE
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68, IF THE ENTRY THREAD IS SEALED
PROTECTION TYPE ADDITION:	IP 69K

PROGRESS MS IG

INTERNAL THREAD PG / TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	$\begin{matrix} >\varnothing< \\ \text{min mm} \end{matrix}$	$\begin{matrix} >\varnothing< \\ \text{max mm} \end{matrix}$	$\begin{matrix} \text{mm} \end{matrix}$	H mm	L mm	PART. NO.	
PG 11	5.5	12.0	21	28	6	1400.11	25
PG 16	8.0	15.0	24	31	6	1400.16	25
PG 21	12.5	20.5	30	40	10	1400.21	25

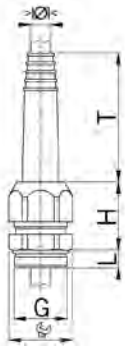




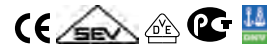
CABLE GLANDS NICKEL-PLATED BRASS

WITH ANTIKINK NOZZLE IN EPDM

SHORT ENTRY THREAD METRIC



MATERIAL: NICKEL-PLATED BRASS
 SEAL: NBR
 O-RING: NBR
 ANTIKINK NOZZLE: EPDM
 STRAIN RELIEF: ACCORDING TO EN 50262 VERSION A
 TEMPERATURE RANGE: -40°C / +100°C
 PROTECTION CLASS: IP 68
 PROTECTION TYPE ADDITION: IP 69K

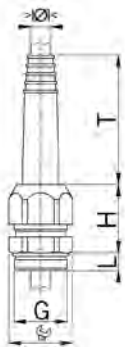


SHORT ENTRY THREAD METRIC / ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	Ø mm	H mm	T mm	L mm	i info	PART. NO.	
M8x1.25	3.8	4.8	11	12	25	6	1	1008.52	50
M10x1.5	4.0	6.0	16	20	35	6	1	1010.52	50
M12x1.5	4.0	6.0	16	20	35	6	-	1012.52	50
M16x1.5	6.0	8.8	20	24	45	6	-	1017.52	50
M20x1.5	9.0	11.0	24	28	65	6	-	1020.51	25
M20x1.5	10.5	13.0	24	28	75	6	-	1020.52	25
M25x1.5	13.0	16.5	32	33	92	7	-	1025.52	10

1 = METRIC COARSE-PITCH THREAD

SHORT ENTRY THREAD PG



MATERIAL: NICKEL-PLATED BRASS
 SEAL: NBR
 O-RING: NBR
 ANTIKINK NOZZLE: EPDM
 TEMPERATURE RANGE: -40°C / +100°C
 PROTECTION CLASS: IP 68
 PROTECTION TYPE ADDITION: IP 69K



SHORT ENTRY THREAD PG / ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

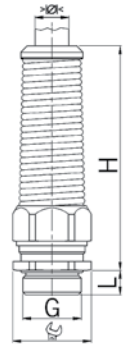
G	>Ø< min mm	>Ø< max mm	Ø mm	H mm	T mm	L mm	PART. NO.	
Pg 7	4.0	6.0	16	20	35	6	1007.52	50
Pg 9	6.0	8.8	20	24	45	6	1009.52	50
Pg 11	6.0	8.8	20	24	45	6	1011.52	50
Pg 13	9.0	11.0	24	28	65	6	1013.51	25
Pg 13	10.5	13.0	24	28	75	6	1013.52	25
Pg 16	9.0	11.0	24	28	65	6	1016.51	25
Pg 16	10.5	13.0	24	28	75	6	1016.52	25
Pg 21	13.0	16.5	32	33	92	7.5	1021.51	10

CABLE GLANDS NICKEL-PLATED BRASS

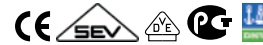
WITH ANTIKINK SPRING

SHORT ENTRY THREAD METRIC

MATERIAL:	NICKEL-PLATED BRASS
ANTI-KINK SPRING:	STAINLESS STEEL A2
SEAL:	TPE
O-RING:	NBR
STRAIN RELIEF:	ACCORDING TO EN 50262 VERSION A
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K



PROGRESS MS FKN



ONE-PIECE SEALING INSERT / OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	i info	PART. NO.	
M8x1.25	2.5	3.0	11	49	5	1	1060.08.52.030	10
M8x1.25	3.5	4.0	11	49	5	1	1060.08.52.040	10
M10x1.5	3.0	4.0	13	52	5	1	1060.10.52.040	10
M10x1.5	4.0	6.0	13	52	5	1	1060.10.52.060	10
M12x1.5	3.5	5.0	15	57	5	-	1060.12.52.050	10
M12x1.5	5.0	6.5	15	57	5	-	1060.12.52.065	10
M12x1.5	6.5	7.5	15	57	5	-	1060.12.52.075	10
M16x1.5	4.5	6.0	18	66	5	-	1060.17.52.060	10
M16x1.5	6.0	8.0	18	66	5	-	1060.17.52.080	10
M16x1.5	8.0	10.5	18	66	5	-	1060.17.52.105	10
M20x1.5	6.0	8.0	24	86	6	-	1060.20.52.080	10
M20x1.5	8.0	11.0	24	86	6	-	1060.20.52.110	10
M20x1.5	11.0	14.5	24	86	6	-	1060.20.52.145	10
M25x1.5	9.5	12.5	30	99	7	-	1060.25.52.125	10
M25x1.5	12.5	16.0	30	99	7	-	1060.25.52.160	10
M25x1.5	16.0	19.0	30	99	7	-	1060.25.52.190	10
M32x1.5	17.0	21.0	36	109	8	-	1060.32.52.210	5
M32x1.5	21.0	24.5	36	109	8	-	1060.32.52.245	5



1 = METRIC COARSE-PITCH THREAD

THE FOLLOWING CABLE GLANDS WITH ANTI-KINK SPRING ARE AVAILABLE UPON REQUEST:

- SHORT ENTRY THREAD WITH SHORT ONE-PIECE OR TWO-PIECE SEALING INSERT.
- LONG ENTRY THREAD WITH SHORT OR FULL-LENGTH INSULATING ONE-PIECE OR TWO-PIECE SEALING INSERT.

PROGRESS MS FKN



TWO-PIECE SEALING INSERT / OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
M16x1.5	6.0	10.5	18	66	5	1060.17.52	10
M20x1.5	8.0	14.5	24	86	6	1060.20.52	10
M25x1.5	12.5	19.0	30	99	7	1060.25.52	10
M32x1.5	17.0	24.5	36	109	8	1060.32.52	5



THE FOLLOWING CABLE GLANDS WITH ANTI-KINK SPRING ARE AVAILABLE UPON REQUEST:

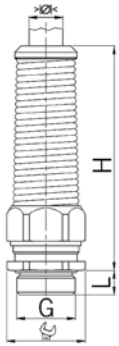
- SHORT ENTRY THREAD WITH SHORT ONE-PIECE OR TWO-PIECE SEALING INSERT.
- LONG ENTRY THREAD WITH SHORT OR FULL-LENGTH INSULATING ONE-PIECE OR TWO-PIECE SEALING INSERT.



CABLE GLANDS NICKEL-PLATED BRASS

WITH ANTIKINK SPRING

SHORT ENTRY THREAD PG



MATERIAL:	NICKEL-PLATED BRASS
ANTI-KINK SPRING:	STAINLESS STEEL A2
SEAL:	TPE
O-RING:	NBR
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K

PROGRESS MS FKN

ONE-PIECE SEALING INSERT / OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
Pg 7	3.5	5.0	15	57	6	1060.07.52.050	10
Pg 7	5.0	6.5	15	57	6	1060.07.52.065	10
Pg 7	6.5	7.5	15	57	6	1060.07.52.075	10
Pg 9	4.5	6.0	18	66	6	1060.09.52.060	10
Pg 9	6.0	8.0	18	66	6	1060.09.52.080	10
Pg 9	8.0	10.5	18	66	6	1060.09.52.105	10
Pg 11	4.5	6.0	18/21	66	6	1060.11.52.060	10
Pg 11	6.0	8.0	18/21	66	6	1060.11.52.080	10
Pg 11	8.0	10.5	18/21	66	6	1060.11.52.105	10
Pg 13	6.0	8.0	24	86	6	1060.13.52.080	10
Pg 13	8.0	11.0	24	86	6	1060.13.52.110	10
Pg 13	11.0	14.5	24	86	6	1060.13.52.145	10
Pg 16	6.0	8.0	24	86	6	1060.16.52.080	10
Pg 16	8.0	11.0	24	86	6	1060.16.52.110	10
Pg 16	11.0	14.5	24	86	6	1060.16.52.145	10
Pg 21	9.5	12.5	30	99	7.5	1060.21.52.125	5
Pg 21	12.5	16.0	30	99	7.5	1060.21.52.160	5
Pg 21	16.0	19.0	30	99	7.5	1060.21.52.190	5

THE FOLLOWING CABLE GLANDS WITH ANTI-KINK SPRING ARE AVAILABLE UPON REQUEST:

- SHORT ENTRY THREAD WITH SHORT ONE-PIECE OR TWO-PIECE SEALING INSERT.
- LONG ENTRY THREAD WITH SHORT OR FULL-LENGTH INSULATING ONE-PIECE OR TWO-PIECE SEALING INSERT.

PROGRESS MS FKN

TWO-PIECE SEALING INSERT / OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
Pg 9	6.0	10.5	18	66	6	1060.09.52	10
Pg 11	6.0	10.5	18/21	66	6	1060.11.52	10
Pg 13	8.0	14.5	24	86	6	1060.13.52	10
Pg 16	8.0	14.5	24	86	6	1060.16.52	10
Pg 21	12.5	19.0	30	99	7.5	1060.21.52	5

THE FOLLOWING CABLE GLANDS WITH ANTI-KINK SPRING ARE AVAILABLE UPON REQUEST:

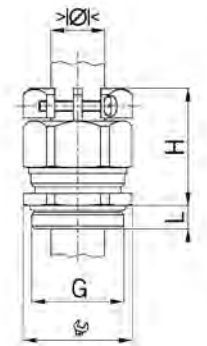
- SHORT ENTRY THREAD WITH SHORT ONE-PIECE OR TWO-PIECE SEALING INSERT.
- LONG ENTRY THREAD WITH SHORT OR FULL-LENGTH INSULATING ONE-PIECE OR TWO-PIECE SEALING INSERT.

CABLE GLANDS NICKEL-PLATED BRASS

WITH CLAMPS

SHORT ENTRY THREAD METRIC

MATERIAL:	NICKEL-PLATED BRASS
SCREWS:	STAINLESS STEEL A2
SEAL:	TPE
O-RING:	NBR
STRAIN RELIEF:	ACCORDING TO EN 50262 VERSION B
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K



PROGRESS MS KB

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	i info	PART. NO.	
M10x1.5	3.0	4.0	13/16	24	5	1	1800.10.03.040	50
M10x1.5	4.0	6.0	13/16	24	5	1	1800.10.03.060	50
M12x1.5	5.0	6.5	15/16	26	5	-	1800.12.03.065	50
M12x1.5	6.5	8.0	15/16	26	5	-	1800.12.03.080	50

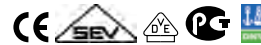
1 = METRIC COARSE-PITCH THREAD



PROGRESS MS KB

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
M16x1.5	6.0	10.5	18/19	30	5	1800.17.03.105	50
M20x1.5	8.0	15.0	24	31	6	1800.20.03.150	50
M25x1.5	12.5	20.5	30	35	7	1800.25.03.205	25
M32x1.5	17.0	25.5	36	40	8	1800.32.03.255	25
M40x1.5	24.0	33.0	46	44	8	1800.40.03.330	10
M50x1.5	33.0	42.0	55	49	9	1800.50.03.410	10
M63x1.5	40.0	52.0	70	55	10	1800.63.03.520	5
M75x1.5	50.0	63.0	80	56	11	1800.75.03.630	1



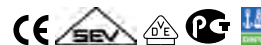
LONG ENTRY THREAD METRIC

PROGRESS MS KB

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	i info	PART. NO.	
M10x1.5	3.0	4.0	13/16	24	10	1	1800.10.13.040	50
M10x1.5	4.0	6.0	13/16	24	10	1	1800.10.13.060	50
M12x1.5	5.0	6.5	15/16	26	10	-	1800.12.13.065	50
M12x1.5	6.5	8.0	15/16	26	10	-	1800.12.13.080	50

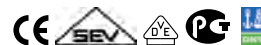
1 = METRIC COARSE-PITCH THREAD



PROGRESS MS KB

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
M16x1.5	6.0	10.5	18/19	30	10	1800.17.13.105	50
M20x1.5	8.0	15.0	24	31	10	1800.20.13.150	50
M25x1.5	12.5	20.5	30	35	11	1800.25.13.205	25
M32x1.5	17.0	25.5	36	40	13	1800.32.13.255	25
M40x1.5	24.0	33.0	46	44	13	1800.40.13.330	10
M50x1.5	33.0	42.0	55	49	14	1800.50.13.410	10
M63x1.5	40.0	52.0	70	55	14	1800.63.13.520	5
M75x1.5	50.0	63.0	80	56	15	1800.75.13.630	1

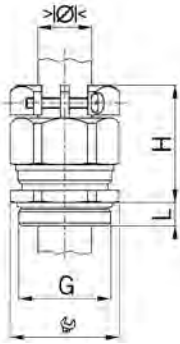




CABLE GLANDS NICKEL-PLATED BRASS

WITH CLAMPS

SHORT ENTRY THREAD PG



MATERIAL:	NICKEL-PLATED BRASS
SCREWS:	STAINLESS STEEL A2
SEAL:	TPE
O-RING:	NBR
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K

PROGRESS MS KB

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
Pg 7	5.0	6.5	15/16	26	6	1800.07.03.065	50
Pg 7	6.5	8.0	15/16	26	6	1800.07.03.080	50

PROGRESS MS KB

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
Pg 9	6.0	10.5	18/19	30	6	1800.09.03.105	50
Pg 11	5.5	12.0	21	31	6	1800.11.03.120	50
Pg 13	8.0	15.0	24	31	6	1800.13.03.150	50
Pg 16	8.0	15.0	24	31	6	1800.16.03.150	50
Pg 21	12.5	20.5	30	35	7	1800.21.03.205	25
Pg 29	19.0	27.5	38	40	8	1800.29.03.275	25
Pg 36	26.0	35.0	50	47	8	1800.36.03.350	10
Pg 42	33.0	42.0	55	49	10	1800.42.03.410	10
Pg 48	37.0	49.0	65	51	11	1800.48.03.490	5

LONG ENTRY THREAD PG

PROGRESS MS KB

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
Pg 7	5.0	6.5	15/16	26	10	1800.07.13.065	50
Pg 7	6.5	8.0	15/16	26	10	1800.07.13.080	50

PROGRESS MS KB

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

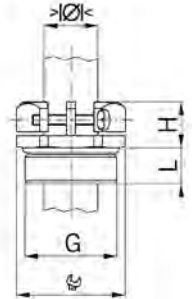
G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
Pg 9	6.0	10.5	18/19	30	10	1800.09.13.105	50
Pg 11	5.5	12.0	21	31	10	1800.11.13.120	50
Pg 13	8.0	15.0	24	31	10	1800.13.13.150	50
Pg 16	8.0	15.0	24	31	10	1800.16.13.150	50
Pg 21	12.5	20.5	30	35	12	1800.21.13.205	25
Pg 29	19.0	27.5	38	40	12	1800.29.13.275	25
Pg 36	26.0	35.0	50	47	15	1800.36.13.350	10
Pg 42	33.0	42.0	55	49	15	1800.42.13.410	10
Pg 48	37.0	49.0	65	51	15	1800.48.13.490	5

CABLE GLANDS NICKEL-PLATED BRASS

WITH CLAMPS

ENTRY THREAD METRIC

MATERIAL: NICKEL-PLATED BRASS
 SCREWS: STAINLESS STEEL A2
 STRAIN RELIEF: ACCORDING TO EN 50262 VERSION B
 TEMPERATURE RANGE: -50°C / +300°C
 PROTECTION CLASS: IP 20



PROGRESS MS KBST

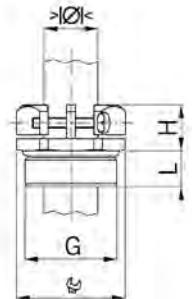
MECHANICAL STRAIN RELIEF B

G	$\begin{matrix} >\varnothing< \\ \text{min mm} & \text{max mm} \end{matrix}$	$\begin{matrix} >\varnothing< \\ \text{min mm} & \text{max mm} \end{matrix}$	$\begin{matrix} \text{mm} \\ \text{mm} \end{matrix}$	H mm	L mm	PART. NO.	
M12x1.5	5.0	8.0	16	10	10	1812.02	50
M16x1.5	6.0	10.5	19	11	10	1817.02	50
M20x1.5	8.0	15.0	24	12	10	1820.02	50
M25x1.5	12.5	20.5	30	13	11	1825.02	25
M32x1.5	17.0	25.5	36	15	13	1832.02	25
M40x1.5	24.0	33.0	46	17	13	1840.02	10



ENTRY THREAD PG

MATERIAL: NICKEL-PLATED BRASS
 SCREWS: STAINLESS STEEL A2
 TEMPERATURE RANGE: -50°C / +300°C
 PROTECTION CLASS: IP 20



PROGRESS MS KBST

MECHANICAL STRAIN RELIEF B

G	$\begin{matrix} >\varnothing< \\ \text{min mm} & \text{max mm} \end{matrix}$	$\begin{matrix} >\varnothing< \\ \text{min mm} & \text{max mm} \end{matrix}$	$\begin{matrix} \text{mm} \\ \text{mm} \end{matrix}$	H mm	L mm	PART. NO.	
Pg 7	4.0	8.0	17	10	5	1807.02	50
Pg 9	6.0	10.0	20	11	6	1809.02	50
Pg 11	6.0	12.0	22	11	6	1811.02	50
Pg 13	7.0	15.0	24	11	7	1813.02	50
Pg 16	9.0	17.0	27	12	7	1816.02	50
Pg 21	12.0	22.0	35	14	8	1821.02	25
Pg 29	18.0	30.0	42	15	8	1829.02	10
Pg 36	24.0	36.0	55	18	10	1836.02	10

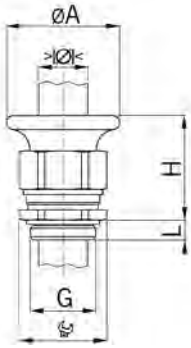




CABLE GLANDS NICKEL-PLATED BRASS

WITH TRUMPET

SHORT ENTRY THREAD METRIC

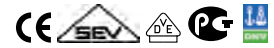


MATERIAL:	NICKEL-PLATED BRASS
SEAL:	TPE
O-RING:	NBR
STRAIN RELIEF:	ACCORDING TO EN 50262 VERSION A
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K

PROGRESS MS T

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	mm	ØA mm	H mm	L mm	PART. NO.	
M16x1.5	6.0	10.5	18	28	31	5	1800.10.17	50
M20x1.5	8.0	15.0	24	34	32	6	1800.10.20	50
M25x1.5	12.5	20.5	30	44	38	7	1800.10.25	25
M32x1.5	17.0	25.5	36	50	44	8	1800.10.32	25
M40x1.5	24.0	33.0	46	57	46	8	1800.10.40	10

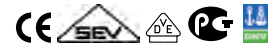


LONG ENTRY THREAD METRIC

PROGRESS MS T

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	mm	ØA mm	H mm	L mm	PART. NO.	
M16x1.5	6.0	10.5	18	28	31	10	1800.11.17	50
M20x1.5	8.0	15.0	24	34	32	10	1800.11.20	50
M25x1.5	12.5	20.5	30	44	38	11	1800.11.25	25
M32x1.5	17.0	25.5	36	50	44	13	1800.11.32	25
M40x1.5	24.0	33.0	46	57	46	13	1800.11.40	10

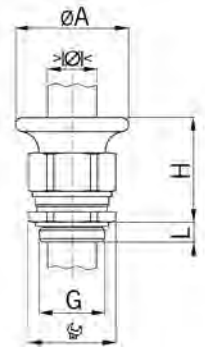


CABLE GLANDS NICKEL-PLATED BRASS

WITH TRUMPET

SHORT ENTRY THREAD PG

MATERIAL:	NICKEL-PLATED BRASS
SEAL:	TPE
O-RING:	NBR
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K



PROGRESS MS T

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	mm	ØA mm	H mm	L mm	PART. NO.	
PG 9	6.0	10.5	18	28	31	6	1800.10.09	50
PG 11	5.5	12.0	21	30	31	6	1800.10.11	50
PG 13	8.0	15.0	24	34	32	6	1800.10.13	50
PG 16	8.0	15.0	24	34	32	6	1800.10.16	50
PG 21	12.5	20.5	30	44	38	7.5	1800.10.21	25
PG 29	19.0	27.5	38	50	44	8	1800.10.29	10



LONG ENTRY THREAD PG

PROGRESS MS T

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	mm	ØA mm	H mm	L mm	PART. NO.	
PG 9	6.0	10.5	18	28	31	10	1800.11.09	50
PG 11	5.5	12.0	21	30	31	10	1800.11.11	50
PG 13	8.0	15.0	24	34	32	10	1800.11.13	50
PG 16	8.0	15.0	24	34	32	10	1800.11.16	50
PG 21	12.5	20.5	30	44	38	12	1800.11.21	25
PG 29	19.0	27.5	38	50	44	12	1800.11.29	10

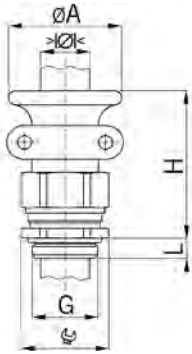




CABLE GLANDS NICKEL-PLATED BRASS

WITH TRUMPET / CLAMPS

SHORT ENTRY THREAD METRIC

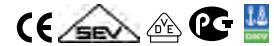


MATERIAL:	NICKEL-PLATED BRASS
SCREWS:	STAINLESS STEEL A2
SEAL:	TPE
O-RING:	NBR
STRAIN RELIEF:	ACCORDING TO EN 50262 VERSION B
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K

PROGRESS MS T+KB

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	ϕ	ϕ	ϕ	ϕA	H	L	PART. NO.	
	min mm	max mm	mm	mm	mm	mm		
M16x1.5	6.0	10.5	18	28	43	5	1801.10.17	50
M20x1.5	8.0	15.0	24	34	46	6	1801.10.20	50
M25x1.5	12.5	20.5	30	44	52	7	1801.10.25	25
M32x1.5	17.0	25.5	36	50	59	8	1801.10.32	10
M40x1.5	24.0	33.0	46	57	59	8	1801.10.40	5



LONG ENTRY THREAD METRIC

PROGRESS MS T+KB

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	ϕ	ϕ	ϕ	ϕA	H	L	PART. NO.	
	min mm	max mm	mm	mm	mm	mm		
M16x1.5	6.0	10.5	18	28	43	10	1801.11.17	50
M20x1.5	8.0	15.0	24	34	46	10	1801.11.20	50
M25x1.5	12.5	20.5	30	44	52	11	1801.11.25	25
M32x1.5	17.0	25.5	36	50	59	13	1801.11.32	10
M40x1.5	24.0	33.0	46	57	59	13	1801.11.40	5

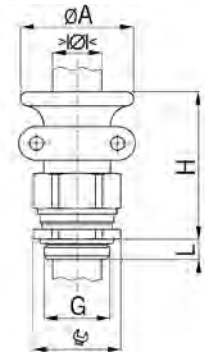


CABLE GLANDS NICKEL-PLATED BRASS

WITH TRUMPET / CLAMPS

SHORT ENTRY THREAD PG

MATERIAL:	NICKEL-PLATED BRASS
SCREWS:	STAINLESS STEEL A2
SEAL:	TPE
O-RING:	NBR
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K



PROGRESS MS T+KB

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	ØA mm	H mm	L mm	PART. NO.	
Pg 9	6.0	10.5	18	28	43	6	1801.10.09	50
Pg 11	5.5	12.0	21	30	43	6	1801.10.11	50
Pg 13	8.0	15.0	24	34	46	6	1801.10.13	50
Pg 16	8.0	15.0	24	34	46	6	1801.10.16	50
Pg 21	12.5	20.5	30	44	52	7.5	1801.10.21	25
Pg 29	19.0	27.5	38	50	59	8	1801.10.29	10



LONG ENTRY THREAD PG

PROGRESS MS T+KB

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

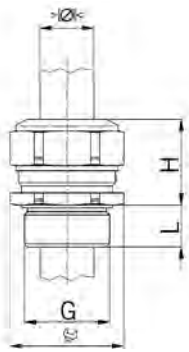
G	>Ø< min mm	>Ø< max mm	 mm	ØA mm	H mm	L mm	PART. NO.	
Pg 9	6.0	10.5	18	28	43	10	1801.11.09	50
Pg 11	5.5	12.0	21	30	43	10	1801.11.11	50
Pg 13	8.0	15.0	24	34	46	10	1801.11.13	50
Pg 16	8.0	15.0	24	34	46	10	1801.11.16	50
Pg 21	12.5	20.5	30	44	52	12	1801.11.21	25
Pg 29	19.0	27.5	38	50	59	12	1801.11.29	10





CABLE GLANDS STAINLESS STEEL A2

LONG ENTRY THREAD METRIC



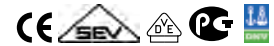
MATERIAL:	CRNI STAINLESS STEEL A2 (DIN EN 1.4305 / AISI 303)
IDENTIFICATION:	1 GROOVE
SEAL:	TPE
O-RING:	NBR
STRAIN RELIEF:	ACCORDING TO EN 50262 VERSION A
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K

PROGRESS S2

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	i info	PART. NO.	
M8x1.25	2.5	3.5	11	14	10	1	1100.08.94.035	50
M8x1.25	3.5	5.0	11	14	10	1	1100.08.94.050	50
M10x1.5	3.0	4.0	13	15	10	1	1100.10.94.040	50
M10x1.5	4.0	6.0	13	15	10	1	1100.10.94.060	50
M12x1.5	3.5	5.0	17	17	10	-	1100.12.94.050	50
M12x1.5	5.0	6.5	17	17	10	-	1100.12.94.065	50
M12x1.5	6.5	8.0	17	17	10	-	1100.12.94.080	50
M16x1.5	8.0	10.5	19	20	10	-	1100.17.94.105	50
M20x1.5	11.0	15.0	24	21	10	-	1100.20.94.150	50
M25x1.5	16.0	20.5	30	25	11	-	1100.25.94.205	25
M32x1.5	21.0	25.5	36	28	13	-	1100.32.94.255	25
M40x1.5	28.5	33.0	46	31	13	-	1100.40.94.330	10
M50x1.5	37.0	42.0	55	34	14	-	1100.50.94.420	10
M63x1.5	46.0	52.0	70	37	14	-	1100.63.94.520	5

1 = METRIC COARSE-PITCH THREAD



PROGRESS S2

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

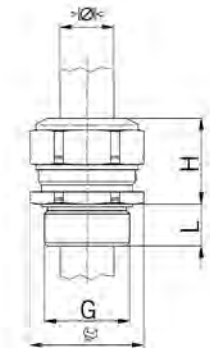
G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
M16x1.5	6.0	10.5	19	20	10	1100.17.94	50
M20x1.5	8.0	15.0	24	21	10	1100.20.94	50
M25x1.5	12.5	20.5	30	25	11	1100.25.94	25
M32x1.5	17.0	25.5	36	28	13	1100.32.94	25
M40x1.5	24.0	33.0	46	31	13	1100.40.94	10
M50x1.5	33.0	42.0	55	34	14	1100.50.94	10
M63x1.5	40.0	52.0	70	37	14	1100.63.94	5



CABLE GLANDS STAINLESS STEEL A2

LONG ENTRY THREAD PG

MATERIAL:	CRNI STAINLESS STEEL A2 (DIN EN 1.4305 / AISI 303)
IDENTIFICATION:	1 GROOVE
SEAL:	TPE
O-RING:	NBR
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K



PROGRESS S2

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
Pg 7	3.5	5.0	17	17	10	1100.07.94.050	50
Pg 7	5.0	6.5	17	17	10	1100.07.94.065	50
Pg 7	6.5	8.0	17	17	10	1100.07.94.080	50
Pg 9	8.0	10.5	19	20	10	1100.09.94.105	50
Pg 11	8.5	12.0	22	21	10	1100.11.94.120	50
Pg 13	11.0	15.0	24	21	10	1100.13.94.150	50
Pg 16	11.0	15.0	24	21	10	1100.16.94.150	50
Pg 21	16.0	20.5	30	25	12	1100.21.94.205	25
Pg 29	23.0	27.5	41	28	12	1100.29.94.275	25
Pg 36	30.5	35.0	50	32	15	1100.36.94.350	10
Pg 42	37.0	42.0	55	34	15	1100.42.94.420	10
Pg 48	43.0	49.0	65	37	15	1100.48.94.490	10



PROGRESS S2

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
Pg 9	6.0	10.5	19	20	10	1100.09.94	50
Pg 11	5.5	12.0	21	21	10	1100.11.94	50
Pg 13	8.0	15.0	24	21	10	1100.13.94	50
Pg 16	8.0	15.0	24	21	10	1100.16.94	50
Pg 21	12.5	20.5	30	25	12	1100.21.94	25
Pg 29	19.0	27.5	41	28	12	1100.29.94	25
Pg 36	26.0	35.0	50	32	15	1100.36.94	10
Pg 42	33.0	42.0	55	34	15	1100.42.94	10
Pg 48	37.0	49.0	65	37	15	1100.48.94	10

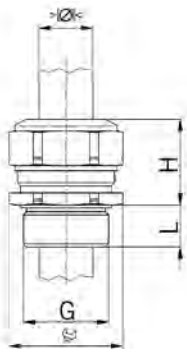




CABLE GLANDS STAINLESS STEEL A2

FOR HIGH TEMPERATURE APPLICATIONS

LONG ENTRY THREAD METRIC



MATERIAL:	CRNi STAINLESS STEEL A2 (DIN EN 1.4305 / AISI 303)
IDENTIFICATION:	1 GROOVE
SEAL:	FPM
O-RING:	FPM
STRAIN RELIEF:	ACCORDING TO EN 50262 VERSION A
TEMPERATURE RANGE:	-40°C / +200°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K

PROGRESS S2 HT

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	i info	PART. NO.	
M8x1.25	2.5	3.5	11	14	10	1	1100.08.96.035	50
M8x1.25	3.5	5.0	11	14	10	1	1100.08.96.050	50
M10x1.5	3.0	4.0	13	15	10	1	1100.10.96.040	50
M10x1.5	4.0	6.0	13	15	10	1	1100.10.96.060	50
M12x1.5	3.5	5.0	17	17	10	-	1100.12.96.050	50
M12x1.5	5.0	6.5	17	17	10	-	1100.12.96.065	50
M12x1.5	6.5	8.0	17	17	10	-	1100.12.96.080	50
M16x1.5	8.0	10.5	19	20	10	-	1100.17.96.105	50
M20x1.5	11.0	15.0	24	21	10	-	1100.20.96.150	50
M25x1.5	16.0	20.5	30	25	11	-	1100.25.96.205	25
M32x1.5	21.0	25.5	36	28	13	-	1100.32.96.255	25
M40x1.5	28.5	33.0	46	31	13	-	1100.40.96.330	10
M50x1.5	37.0	42.0	55	34	14	-	1100.50.96.420	10
M63x1.5	46.0	52.0	70	37	14	-	1100.63.96.520	5

1 = METRIC COARSE-PITCH THREAD



PROGRESS S2 HT

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
M16x1.5	6.0	10.5	19	20	10	1100.17.96	50
M20x1.5	8.0	15.0	24	21	10	1100.20.96	50
M25x1.5	12.5	20.5	30	25	11	1100.25.96	25
M32x1.5	17.0	25.5	36	28	13	1100.32.96	25
M40x1.5	24.0	33.0	46	31	13	1100.40.96	10
M50x1.5	33.0	42.0	55	34	14	1100.50.96	10
M63x1.5	40.0	52.0	70	37	14	1100.63.96	5

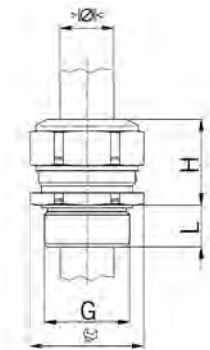


CABLE GLANDS STAINLESS STEEL A2

FOR HIGH TEMPERATURE APPLICATIONS

LONG ENTRY THREAD PG

MATERIAL:	CRNI STAINLESS STEEL A2 (DIN EN 1.4305 / AISI 303)
IDENTIFICATION:	1 GROOVE
SEAL:	FPM
O-RING:	FPM
TEMPERATURE RANGE:	-40°C / +200°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K



PROGRESS S2 HT

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
Pg 7	3.5	5.0	17	17	10	1100.07.96.050	50
Pg 7	5.0	6.5	17	17	10	1100.07.96.065	50
Pg 7	6.5	8.0	17	17	10	1100.07.96.080	50
Pg 9	8.0	10.5	19	20	10	1100.09.96.105	50
Pg 11	8.5	12.0	22	21	10	1100.11.96.120	50
Pg 13	11.0	15.0	24	21	10	1100.13.96.150	50
Pg 16	11.0	15.0	24	21	10	1100.16.96.150	50
Pg 21	16.0	20.5	30	25	12	1100.21.96.205	25
Pg 29	23.0	27.5	41	28	12	1100.29.96.275	25
Pg 36	30.5	35.0	50	32	15	1100.36.96.350	10
Pg 42	37.0	42.0	55	34	15	1100.42.96.420	10
Pg 48	43.0	49.0	65	37	15	1100.48.96.490	10



PROGRESS S2 HT

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
Pg 9	6.0	10.5	19	20	10	1100.09.96	50
Pg 11	5.5	12.0	22	21	10	1100.11.96	50
Pg 13	8.0	15.0	24	21	10	1100.13.96	50
Pg 16	8.0	15.0	24	21	10	1100.16.96	50
Pg 21	12.5	20.5	30	25	12	1100.21.96	25
Pg 29	19.0	27.5	41	28	12	1100.29.96	25
Pg 36	26.0	35.0	50	32	15	1100.36.96	10
Pg 42	33.0	42.0	55	34	15	1100.42.96	10
Pg 48	37.0	49.0	65	37	15	1100.48.96	10

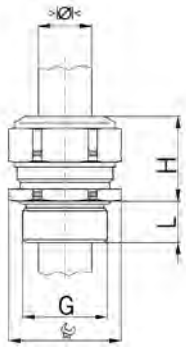




CABLE GLANDS STAINLESS & ACID-RESISTANT STEEL A4

FOR HIGH TEMPERATURE APPLICATIONS

LONG ENTRY THREAD METRIC



MATERIAL:	STAINLESS AND ACID RESISTANT STEEL A4 CRNiMO (DIN EN 1.4435 / AISI 316L)
IDENTIFICATION:	2 GROOVES
SEAL:	FPM
O-RING:	FPM
STRAIN RELIEF:	ACCORDING TO EN 50262 VERSION A
TEMPERATURE RANGE:	-40°C / +200°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K

PROGRESS S4 HT

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED



G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	i info	PART. NO.	
M8x1.25	2.5	3.5	11	14	10	1	1100.08.98.035	50
M8x1.25	3.5	5.0	11	14	10	1	1100.08.98.050	50
M10x1.5	3.0	4.0	13	15	10	1	1100.10.98.040	50
M10x1.5	4.0	6.0	13	15	10	1	1100.10.98.060	50
M12x1.5	3.5	5.0	17	17	10	-	1100.12.98.050	50
M12x1.5	5.0	6.5	17	17	10	-	1100.12.98.065	50
M12x1.5	6.5	8.0	17	17	10	-	1100.12.98.080	50
M16x1.5	8.0	10.5	19	20	10	-	1100.17.98.105	50
M20x1.5	11.0	15.0	24	21	10	-	1100.20.98.150	50
M25x1.5	16.0	20.5	30	25	11	-	1100.25.98.205	25
M32x1.5	21.0	25.5	36	28	13	-	1100.32.98.255	25
M40x1.5	28.5	33.0	46	31	13	-	1100.40.98.330	10
M50x1.5	37.0	42.0	55	34	14	-	1100.50.98.420	10
M63x1.5	46.0	52.0	70	37	14	-	1100.63.98.520	5

1 = METRIC COARSE-PITCH THREAD



PROGRESS S4 HT

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED



G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
M16x1.5	6.0	10.5	19	20	10	1100.17.98	50
M20x1.5	8.0	15.0	24	21	10	1100.20.98	50
M25x1.5	12.5	20.5	30	25	11	1100.25.98	25
M32x1.5	17.0	25.5	36	28	13	1100.32.98	25
M40x1.5	24.0	33.0	46	31	13	1100.40.98	10
M50x1.5	33.0	42.0	55	34	14	1100.50.98	10
M63x1.5	40.0	52.0	70	37	14	1100.63.98	5

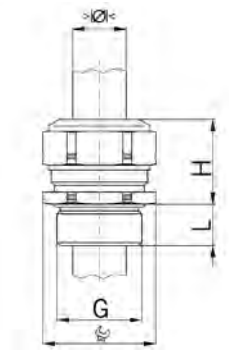


CABLE GLANDS STAINLESS & ACID-RESISTANT STEEL A4

FOR HIGH TEMPERATURE APPLICATIONS

LONG ENTRY THREAD PG

MATERIAL:	STAINLESS AND ACID RESISTANT STEEL A4 CRNIMO (DIN EN 1.4435 / AISI 316L)
IDENTIFICATION:	2 GROOVES
SEAL:	FPM
O-RING:	FPM
TEMPERATURE RANGE:	-40°C / +200°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K



PROGRESS S4 HT

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
Pg 7	3.5	5.0	17	17	10	1100.07.98.050	50
Pg 7	5.0	6.5	17	17	10	1100.07.98.065	50
Pg 7	6.5	8.0	17	17	10	1100.07.98.080	50
Pg 9	8.0	10.5	19	20	10	1100.09.98.105	50
Pg 11	8.5	12.0	22	21	10	1100.11.98.120	50
Pg 13	11.0	15.0	24	21	10	1100.13.98.150	50
Pg 16	11.0	15.0	24	21	10	1100.16.98.150	50
Pg 21	16.0	20.5	30	25	12	1100.21.98.205	25
Pg 29	23.0	27.5	41	28	12	1100.29.98.275	25
Pg 36	30.5	35.0	50	32	15	1100.36.98.350	10
Pg 42	37.0	42.0	55	34	15	1100.42.98.420	10
Pg 48	43.0	49.0	65	37	15	1100.48.98.490	10



PROGRESS S4 HT

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
Pg 9	6.0	10.5	19	20	10	1100.09.98	50
Pg 11	5.5	12.0	22	21	10	1100.11.98	50
Pg 13	8.0	15.0	24	21	10	1100.13.98	50
Pg 16	8.0	15.0	24	21	10	1100.16.98	50
Pg 21	12.5	20.5	30	25	12	1100.21.98	25
Pg 29	19.0	27.5	41	28	12	1100.29.98	25
Pg 36	26.0	35.0	50	32	15	1100.36.98	10
Pg 42	33.0	42.0	55	34	15	1100.42.98	10
Pg 48	37.0	49.0	65	37	15	1100.48.98	10

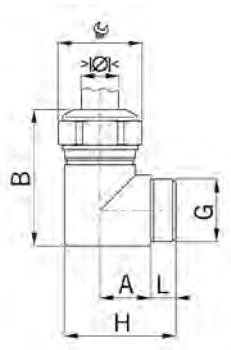




CABLE GLANDS NICKEL-PLATED BRASS

ELBOW 90°

SHORT ENTRY THREAD METRIC



MATERIAL:	NICKEL-PLATED BRASS
SEAL:	TPE
STRAIN RELIEF:	ACCORDING TO EN 50262 VERSION A
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68
ENTRY THREAD:	IP 68, IF THE ENTRY THREAD IS SEALED

PROGRESS MS W90

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	$\begin{matrix} >\varnothing< \\ \text{min mm} & \text{max mm} \end{matrix}$	$\begin{matrix} >\varnothing< \\ \text{min mm} & \text{max mm} \end{matrix}$		H mm	L mm	A mm	B mm
M12x1.5	5.0	6.5	15	27	8	11	32



PART. NO.



5200.12 50



PROGRESS MS W90

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	$\begin{matrix} >\varnothing< \\ \text{min mm} & \text{max mm} \end{matrix}$	$\begin{matrix} >\varnothing< \\ \text{min mm} & \text{max mm} \end{matrix}$		H mm	L mm	A mm	B mm
M16x1.5	6.0	10.5	18	30	8	13	36
M20x1.5	8.0	15.0	24	35	8	16	44
M25x1.5	12.5	20.5	30	44	10	20	52
M32x1.5	17.0	25.5	36	50	10	23	60
M40x1.5	24.0	33.0	46	60	10	28	72



PART. NO.



5200.17 50

5200.20 50

5200.25 25

5200.32 25

5200.40 10

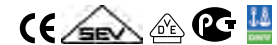


LONG ENTRY THREAD METRIC

PROGRESS MS W90

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	$\begin{matrix} >\varnothing< \\ \text{min mm} & \text{max mm} \end{matrix}$	$\begin{matrix} >\varnothing< \\ \text{min mm} & \text{max mm} \end{matrix}$		H mm	L mm	A mm	B mm
M12x1.5	5.0	6.5	15	30	12	11	32



PART. NO.



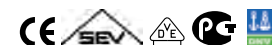
5210.12 50



PROGRESS MS W90

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	$\begin{matrix} >\varnothing< \\ \text{min mm} & \text{max mm} \end{matrix}$	$\begin{matrix} >\varnothing< \\ \text{min mm} & \text{max mm} \end{matrix}$		H mm	L mm	A mm	B mm
M16x1.5	6.0	10.5	18	34	12	13	36
M20x1.5	8.0	15.0	24	39	12	16	44
M25x1.5	12.5	20.5	30	48	14	20	52
M32x1.5	17.0	25.5	36	56	16	23	60
M40x1.5	24.0	33.0	46	66	16	28	72



PART. NO.



5210.17 50

5210.20 50

5210.25 25

5210.32 25

5210.40 10

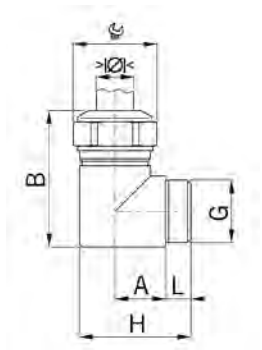


CABLE GLANDS NICKEL-PLATED BRASS

ELBOW 90°

SHORT ENTRY THREAD PG

MATERIAL: NICKEL-PLATED BRASS
 SEAL: TPE
 TEMPERATURE RANGE: -40°C / +100°C
 PROTECTION CLASS: IP 68
 ENTRY THREAD: IP 68, IF THE ENTRY THREAD IS SEALED



PROGRESS MS W90

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	A mm	B mm	PART. NO.	
Pg 7	5.0	6.5	15	27	8	11	32	5200.07	50



PROGRESS MS W90

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	A mm	B mm	PART. NO.	
Pg 9	6.0	10.5	18	30	8	13	36	5200.09	50
Pg 11	5.5	12.0	21	35	8	14	40	5200.11	50
Pg 13	8.0	15.0	24	41	10	16	44	5200.13	50
Pg 16	8.0	15.0	24	41	10	16	44	5200.16	50
Pg 21	12.5	20.5	30	44	10	20	52	5200.21	25
Pg 29	19.0	27.5	38	56	10	24	65	5200.29	10



LONG ENTRY THREAD PG

PROGRESS MS W90

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	A mm	B mm	PART. NO.	
Pg 7	5.0	6.5	15	30	11	11	32	5210.07	50



PROGRESS MS W90

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	A mm	B mm	PART. NO.	
Pg 9	6.0	10.5	18	34	11	13	36	5210.09	50
Pg 11	5.5	12.0	21	38	11	14	40	5210.11	50
Pg 13	8.0	15.0	24	44	13	16	44	5210.13	50
Pg 16	8.0	15.0	24	44	13	16	44	5210.16	50
Pg 21	12.5	20.5	30	48	14	20	52	5210.21	25
Pg 29	19.0	27.5	38	60	14	24	65	5210.29	10

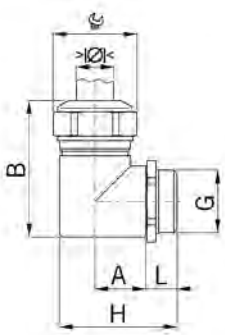




CABLE GLANDS NICKEL-PLATED BRASS

ELBOW 90°

LONG ENTRY THREAD METRIC WITH LOCK NUT



MATERIAL: NICKEL-PLATED BRASS
 SEAL: TPE
 O-RING: NBR
 STRAIN RELIEF: ACCORDING TO EN 50262 VERSION A
 TEMPERATURE RANGE: -40°C / +100°C
 PROTECTION CLASS: IP 68

PROGRESS MS W90

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	$\begin{matrix} >\varnothing< \\ \text{min mm} \end{matrix}$	$\begin{matrix} >\varnothing< \\ \text{max mm} \end{matrix}$	 mm	H mm	L mm	A mm	B mm
M12x1.5	5.0	6.5	15	30	12	11	32



PART. NO.



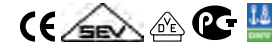
5215.12 50



PROGRESS MS W90

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	$\begin{matrix} >\varnothing< \\ \text{min mm} \end{matrix}$	$\begin{matrix} >\varnothing< \\ \text{max mm} \end{matrix}$	 mm	H mm	L mm	A mm	B mm
M16x1.5	6.0	10.5	18	34	12	13	36
M20x1.5	8.0	15.0	24	39	12	16	44
M25x1.5	12.5	20.5	30	48	14	20	52
M32x1.5	17.0	25.5	36	56	16	23	60
M40x1.5	24.0	33.0	46	66	16	28	72



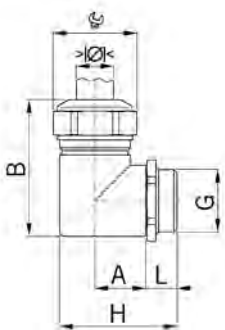
PART. NO.



5215.17 50
 5215.20 50
 5215.25 25
 5215.32 25
 5215.40 10



LONG ENTRY THREAD PG WITH LOCK NUT



MATERIAL: NICKEL-PLATED BRASS
 SEAL: TPE
 O-RING: NBR
 TEMPERATURE RANGE: -40°C / +100°C
 PROTECTION CLASS: IP 68

PROGRESS MS W90

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	$\begin{matrix} >\varnothing< \\ \text{min mm} \end{matrix}$	$\begin{matrix} >\varnothing< \\ \text{max mm} \end{matrix}$	 mm	H mm	L mm	A mm	B mm
Pg 7	5.0	6.5	15	30	11	11	32



PART. NO.



5215.07 50



PROGRESS MS W90

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	$\begin{matrix} >\varnothing< \\ \text{min mm} \end{matrix}$	$\begin{matrix} >\varnothing< \\ \text{max mm} \end{matrix}$	 mm	H mm	L mm	A mm	B mm
Pg 9	6.0	10.5	18	34	11	13	36
Pg 11	5.5	12.0	21	38	11	14	40
Pg 13	8.0	15.0	24	44	13	16	44
Pg 16	8.0	15.0	24	44	13	16	44
Pg 21	12.5	20.5	30	48	14	20	52
Pg 29	19.0	27.5	38	60	14	24	65



PART. NO.



5215.09 50
 5215.11 50
 5215.13 50
 5215.16 50
 5215.21 25
 5215.29 10

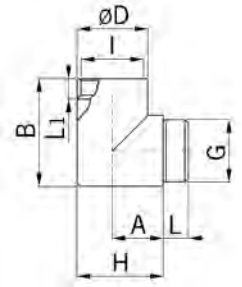


ELBOW 90° NICKEL-PLATED BRASS

WITH INTERNAL & EXTERNAL THREAD

ENTRY THREAD METRIC

MATERIAL:	NICKEL-PLATED BRASS
O-RING:	NBR
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 54
PROTECTION TYPE ADDITION:	IP 68, IF THE ENTRY THREAD IS SEALED



WITH O-RING

G	I	D mm	L mm	L1 mm	A mm	B mm	H mm	PART. NO.	
M12x1.5	M12x1.5	15	5.0	7	13	25	20	5612	50
M16x1.5	M16x1.5	19	6.5	7	16	29	26	5617	50
M20x1.5	M20x1.5	24	6.0	10	19	37	31	5620	50
M25x1.5	M25x1.5	29	7.5	10	23	42	37	5625	25
M32x1.5	M32x1.5	36	8.5	11	26	50	44	5632	25
M40x1.5	M40x1.5	46	9.5	17	34	67	57	5640	10
M50x1.5	M50x1.5	56	9.0	17	41	77	69	5650	10



ENTRY THREAD PG

WITH O-RING

G	I	D mm	L mm	L1 mm	A mm	B mm	H mm	PART. NO.	
Pg 7	Pg 7	16	7	7	13	23	21	5607	50
Pg 9	Pg 9	18	7	7	15	26	24	5609	50
Pg 11	Pg 11	22	8	8	18	31	29	5611	50
Pg 13	Pg 13	24	10	10	19	34	31	5613	50
Pg 16	Pg 16	26	10	10	20	36	33	5616	50
Pg 21	Pg 21	34	11	11	24	46	41	5621	25
Pg 29	Pg 29	41	11	11	28	52	49	5629	20
Pg 36	Pg 36	52	12	17	38	82	64	5636	10

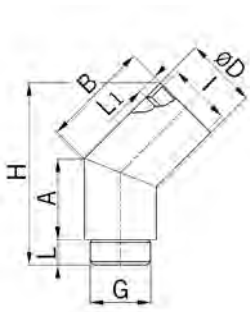




ELBOWS 45° NICKEL-PLATED BRASS

WITH INTERNAL & EXTERNAL THREAD

ENTRY THREAD METRIC



MATERIAL: NICKEL-PLATED BRASS
 O-RING: NBR
 TEMPERATURE RANGE: -40°C / +100°C
 PROTECTION CLASS: IP 54
 PROTECTION TYPE ADDITION: IP 68, IF THE ENTRY THREAD IS SEALED



WITH O-RING

G	I	D mm	L mm	L1 mm	A mm	B mm	H mm	PART. NO.	
M16x1.5	M16x1.5	19	6.5	7	13	18	26	5717	50
M20x1.5	M20x1.5	24	7.5	10	17	23	33	5720	50
M25x1.5	M25x1.5	29	7.0	10	18	25	36	5725	25
M32x1.5	M32x1.5	36	8.5	11	21	28	41	5732	25

ENTRY THREAD PG



WITH O-RING

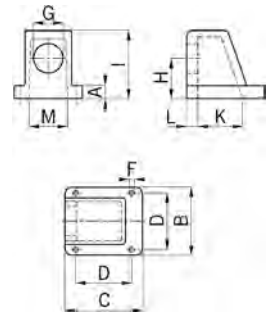
G	I	D mm	L mm	L1 mm	A mm	B mm	H mm	PART. NO.	
Pg 11	Pg 11	22	8	11	16	20	30	5711	50
Pg 16	Pg 16	26	10	12	18	23	34	5716	50
Pg 21	Pg 21	34	11	12	21	26	39	5721	25
Pg 29	Pg 29	41	8	16	27	32	-	5729	25

FLANGES & ELBOWS

ENTRY THREAD METRIC

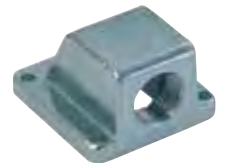
FLANGED ELBOW 90° ALUMINUM

MATERIAL:	ALUMINIUM
SEAL:	NBR
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 65
PROPERTIES:	FOR SPLASH WATER-PROOF MOUNTING ON CASING WALLS WITH ENTRY THREAD FOR CABLE GLANDS OR CONDUIT GLANDS



WITH 1 ENTRY THREAD

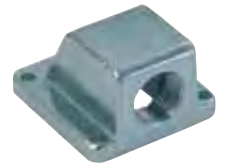
G	B/C mm	D mm	F mm	A mm	H mm	I mm	K mm	L mm	M mm	PART. NO.	
M16x1.5	45 x 48	37	4.3	8	15.5	30	28	10.5	24	5517	10
M20x1.5	53 x 56	44	5.5	8	18.0	35	34	10.5	24	5520	10
M25x1.5	63 x 65	54	5.5	8	22.5	42	43	11.0	35	5525	5
M32x1.5	71 x 75	60	5.5	10	27.0	52	53	11.0	38	5532	5
M40x1.5	71 x 75	60	5.5	10	27.0	52	53	11.0	38	5540	5
M50x1.5	89 x 93	72	6.5	11	33.5	69	65	18.0	50	5550	2
M63x1.5	96 x 114	84	4.3	10	37.0	74	86	14.0	67	5563	2



ENTRY THREAD PG

WITH 1 ENTRY THREAD

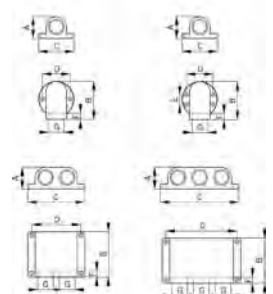
G	B/C mm	D mm	F mm	A mm	H mm	I mm	K mm	L mm	M mm	PART. NO.	
Pg 9	45 x 48	37	4.3	8	15.5	30	28	10.5	24	5509	10
Pg 13	53 x 56	44	5.5	8	19.0	35	34	10.5	24	5513	10
Pg 16	53 x 56	44	5.5	8	19.0	35	34	10.5	24	5516	10
Pg 21	63 x 65	54	5.5	8	23.0	42	43	11.0	35	5521	10
Pg 29	71 x 75	60	5.5	10	27.0	52	53	11.0	38	5529	10
Pg 36	89 x 94	72	6.5	11	34.0	69	65	18.0	50	5536	10



ENTRY THREAD PG

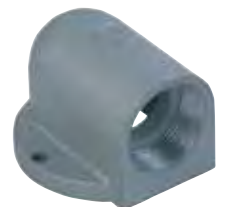
FLANGED ELBOW 90° ZINC DIECASTING

MATERIAL:	ZINC DIECASTING
COLOR:	HAMMERGREY ENAMEL
SEAL:	NBR
TEMPERATURE RANGE:	-20°C / +100°C
PROTECTION CLASS:	IP 65
PROPERTIES:	FOR SPLASH WATER-PROOF MOUNTING ON CASING WALLS WITH ENTRY THREAD FOR CABLE GLANDS OR CONDUIT GLANDS



WITH 1-3 ENTRY THREADS

G		A mm	B mm	C mm	D mm	E mm	F mm		PART. NO.	
Pg 16	1 x	31	42	42	36.0	-	11	2x4.5	5516.10	10
Pg 21	1 x	40	60	60	52.5	-	12	2x5.2	5521.10	10
Pg 29	1 x	51.5	76	66	54.0	36	12	4x5.5	5529.10	10
Pg 36	1 x	62	90	85	73.0	30	12	4x5.5	5536.10	10
Pg 16	2 x	34	70	91	79.0	58	10	4x5.5	5516.12	10
Pg 16	3 x	34	70	124	111.0	56	10	4x5.5	5516.13	10

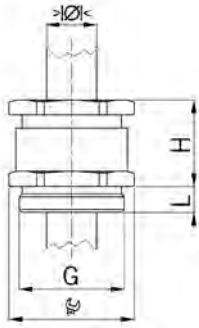




CABLE GLANDS NICKEL-PLATED BRASS

ACCORDING TO DIN 46320-C4-MS

SHORT ENTRY THREAD METRIC



MATERIAL: NICKEL-PLATED BRASS
SEAL: NBR
TEMPERATURE RANGE: -20°C / +80°C
PROTECTION CLASS: IP 54



ONE-PIECE SEALING RING / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	PART. NO.	
M12x1.5	5.0	7.0	14/13	15	5	B 112	100
M16x1.5	6.0	8.0	18/15	15	5	B 117	100
M20x1.5	8.0	10.0	22/18	19	6	B 120.10	50
M20x1.5	10.0	12.0	22/20	19	6	B 120.12	50
M20x1.5	12.0	14.0	22/20	19	6	B 120.14	50
M25x1.5	15.0	17.0	30/28	23	7	B 125	50
M32x1.5	24.0	26.0	40/37	26	8	B 132	25
M40x1.5	33.0	35.0	50/47	30	8	B 140	20
M50x1.5	41.0	43.0	57/54	34	9	B 150	10
M63x1.5	45.0	47.0	66/60	35	10	B 163	10

LONG ENTRY THREAD METRIC



ONE-PIECE SEALING RING / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	PART. NO.	
M12x1.5	5.0	7.0	14/13	15	10	B 212	100
M16x1.5	6.0	8.0	18/15	15	10	B 217	100
M20x1.5	8.0	10.0	22/18	19	10	B 220.10	50
M20x1.5	10.0	12.0	22/20	19	10	B 220.12	50
M20x1.5	12.0	14.0	22/20	19	10	B 220.14	50
M25x1.5	15.0	17.0	30/28	23	12	B 225	50
M32x1.5	24.0	26.0	40/37	26	12	B 232	25
M40x1.5	33.0	35.0	50/47	30	14	B 240	20
M50x1.5	41.0	43.0	57/54	34	14	B 250	10
M63x1.5	45.0	47.0	66/60	35	14	B 263	10

CABLE GLANDS NICKEL-PLATED BRASS

WITH ANTIKINK NOZZLE & CLAMPS

SHORT ENTRY THREAD METRIC

MATERIAL: NICKEL-PLATED BRASS
 SEAL: NBR
 ANTIKINK NOZZLE: NBR
 TEMPERATURE RANGE: -20°C / +80°C
 PROTECTION CLASS: IP 65 IF THE ENTRY THREAD IS SEALED

ONE-PIECE SEALING RING / NOT OVERALL LENGTH INSULATED

G	$\begin{array}{c} >\varnothing< \\ \text{min mm} \end{array}$	$\begin{array}{c} >\varnothing< \\ \text{max mm} \end{array}$	$\begin{array}{c} \varnothing \\ \text{mm} \end{array}$	H mm	L mm	PART. NO.	
M12x1.5	3.5	5.0	14/15	28	5	1852.12.05	25
M16x1.5	5.5	7.0	17/18	28	6	1852.16.07	25
M20x1.5	5.5	7.0	20/22	32	6	1852.20.07	25
M20x1.5	7.5	9.0	20/22	32	6	1852.20.09	25
M20x1.5	9.0	11.0	22/22	33	6	1852.20.11	25
M20x1.5	11.0	13.0	22/22	33	6	1852.20.13	25
M20x1.5	13.0	15.0	24/24	35	6	1852.20.15	25
M25x1.5	13.5	15.0	30/30	42	7	1852.25.15	25
M25x1.5	15.0	17.0	30/30	42	7	1852.25.17	25
M25x1.5	17.0	19.0	30/30	42	7	1852.25.19	25
M25x1.5	18.0	20.0	30/30	42	7	1852.25.20	25
M32x1.5	21.0	23.0	40/40	42	8	1852.32.23	1
M32x1.5	23.0	25.0	40/40	42	8	1852.32.25	1
M40x1.5	23.0	26.0	50/50	51	9	1852.40.26	1
M40x1.5	27.0	30.0	50/50	51	9	1852.40.30	1
M40x1.5	30.0	33.0	50/50	51	9	1852.40.33	1
M40x1.5	32.0	35.0	50/50	51	9	1852.40.35	1



SHORT ENTRY THREAD PG

ONE-PIECE SEALING RING / NOT OVERALL LENGTH INSULATED

G	$\begin{array}{c} >\varnothing< \\ \text{min mm} \end{array}$	$\begin{array}{c} >\varnothing< \\ \text{max mm} \end{array}$	$\begin{array}{c} \varnothing \\ \text{mm} \end{array}$	H mm	L mm	PART. NO.	
Pg 7	3.5	5.0	14/16	28	5	1852.07.05	50
Pg 9	5.5	7.0	17/19	28	6	1852.09.07	50
Pg 11	5.5	7.0	20/22	32	6	1852.11.07	50
Pg 11	7.5	9.0	20/22	32	6	1852.11.09	50
Pg 13	7.5	9.0	22/24	32	6	1852.13.09	25
Pg 13	9.0	11.0	22/24	33	6	1852.13.11	25
Pg 13	11.0	13.0	22/24	33	6	1852.13.13	25
Pg 16	11.5	13.0	24/27	35	6	1852.16.13	25
Pg 16	13.0	15.0	24/27	35	6	1852.16.15	25
Pg 21	13.5	15.0	30/34	42	7	1852.21.15	25
Pg 21	15.0	17.0	30/34	42	7	1852.21.17	25
Pg 21	17.0	19.0	30/34	42	7	1852.21.19	25
Pg 21	18.0	20.0	30/34	42	7	1852.21.20	25
Pg 29	18.0	20.0	40/42	42	8	1852.29.20	1
Pg 29	21.0	23.0	40/42	42	8	1852.29.23	1
Pg 29	23.0	25.0	40/42	42	8	1852.29.25	1
Pg 36	23.0	26.0	50/52	51	9	1852.36.26	1
Pg 36	27.0	30.0	50/52	51	9	1852.36.30	1
Pg 36	30.0	33.0	50/52	51	9	1852.36.33	1
Pg 36	32.0	35.0	50/52	51	9	1852.36.35	1
Pg 42	32.0	35.0	57/62	59	10	1852.42.35	1
Pg 42	35.0	38.0	57/62	59	10	1852.42.38	1
Pg 42	36.0	40.0	57/62	59	10	1852.42.40	1
Pg 48	36.0	40.0	64/68	62	10	1852.48.48.40	1
Pg 48	40.0	44.0	64/68	62	10	1852.48.48.44	1





CABLE GLANDS EMC EASYCONNECT NICKEL-PLATED BRASS

WITH CONTACT SPRING

SHORT ENTRY THREAD METRIC



MATERIAL:	NICKEL-PLATED BRASS
CONTACT SPRING:	SPRING STEEL 1.4310
SEAL:	TPE
O-RING:	NBR
STRAIN RELIEF:	ACCORDING TO IEC 62444 VERSION A
TEMPERATURE RANGE:	-60°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K
PROPERTIES:	FULL CONTROL OF THE INSTALLATION PROCESS THANKS TO FAST AND SAFE ASSEMBLY FOR PARTIALLY STRIPPED SHIELDING CABLES EQUALLY AS WELL AS THE CONTACT OF COMPLETELY CABLE SHIELDS

PROGRESS MS EMC EASYCONNECT



TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED



G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	i info	PART. NO.	
M12x1.5	3.5	5.0	15	22	5	1	1083.12.050	50
M12x1.5	5.0	6.5	15	22	5	1	1083.12.065	50
M16x1.5	6.0	10.5	18	25	5	-	1083.17	50
M20x1.5	8.0	15.0	24	27	6	-	1083.20	50
M25x1.5	12.5	20.5	30	33	7	-	1083.25	25
M32x1.5	17.0	25.5	36	33	8	-	1083.32	25

1 = ONE-PIECE SEALING INSERT

APPROVALS IN PREPERATION

LONG ENTRY THREAD METRIC

PROGRESS MS EMC EASYCONNECT



TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED



G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	i info	PART. NO.	
M12x1.5	3.5	5.0	15	22	10	1	1183.12.050	50
M12x1.5	5.0	6.5	15	22	10	1	1183.12.065	50
M16x1.5	6.0	10.5	18	25	10	-	1183.17	50
M20x1.5	8.0	15.0	24	27	10	-	1183.20	50
M25x1.5	12.5	20.5	30	33	11	-	1183.25	25
M32x1.5	17.0	25.5	36	33	13	-	1183.32	25

1 = ONE-PIECE SEALING INSERT

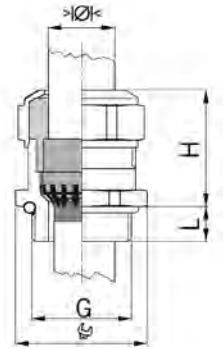
APPROVALS IN PREPERATION

CABLE GLANDS EMC RAPID NICKEL-PLATED BRASS

WITH CONTACT DISC

SHORT ENTRY THREAD METRIC

MATERIAL:	NICKEL-PLATED BRASS
CONTACT SLEEVE:	NICKEL-PLATED BRASS
CONTACT DISC:	STAINLESS STEEL A2
SEAL:	TPE
O-RING:	NBR
STRAIN RELIEF:	ACCORDING TO EN 50262 VERSION A
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K
PROPERTIES:	FOR A QUICK INSTALLATION OF PARTIALLY DISMANTLED CABLES AS WELL AS THOROUGHLY SHIELDED CABLES

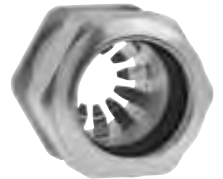


PROGRESS MS EMC RAPID



ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	PART. NO.	
M12x1.5	4.5	6.0	15	20	5	1081.12.060	50
M12x1.5	6.0	7.5	15	20	5	1081.12.075	50
M16x1.5	6.0	8.0	18	23	5	1081.17.080	50
M16x1.5	8.0	10.0	18	25	5	1081.17.100	50
M20x1.5	8.0	11.0	24	25	6	1081.20.110	50
M20x1.5	11.0	14.0	24	27	6	1081.20.140	50
M25x1.5	13.0	16.0	30	30	7	1081.25.160	25
M25x1.5	16.0	19.0	30	33	7	1081.25.190	25
M32x1.5	18.0	21.0	36	32	8	1081.32.210	25
M32x1.5	21.0	25.0	36	32	8	1081.32.250	25



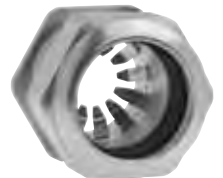
LONG ENTRY THREAD METRIC

PROGRESS MS EMC RAPID



ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	PART. NO.	
M12x1.5	4.5	6.0	15	20	10	1181.12.060	50
M12x1.5	6.0	7.5	15	20	10	1181.12.075	50
M16x1.5	6.0	8.0	18	23	10	1181.17.080	50
M16x1.5	8.0	10.0	18	25	10	1181.17.100	50
M20x1.5	8.0	11.0	24	25	10	1181.20.110	50
M20x1.5	11.0	14.0	24	27	10	1181.20.140	50
M25x1.5	13.0	16.0	30	30	11	1181.25.160	25
M25x1.5	16.0	19.0	30	33	11	1181.25.190	25
M32x1.5	18.0	21.0	36	32	13	1181.32.210	25
M32x1.5	21.0	25.0	36	32	13	1181.32.250	25

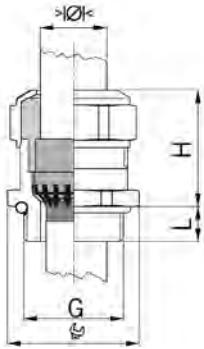




CABLE GLANDS EMC RAPID NICKEL-PLATED BRASS

WITH CONTACT DISC

SHORT ENTRY THREAD PG

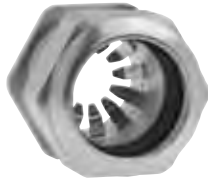


MATERIAL:	NICKEL-PLATED BRASS
CONTACT SLEEVE:	NICKEL-PLATED BRASS
CONTACT DISC:	STAINLESS STEEL A2
SEAL:	TPE
O-RING:	NBR
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K
PROPERTIES:	FOR A QUICK INSTALLATION OF PARTIALLY DISMANTLED CABLES AS WELL AS THOROUGHLY SHIELDED CABLES

PROGRESS MS EMC RAPID

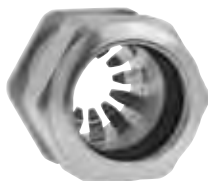


ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED



G	$\begin{matrix} >\varnothing< \\ \text{min mm} \end{matrix}$	$\begin{matrix} >\varnothing< \\ \text{max mm} \end{matrix}$	$\begin{matrix} \varnothing \\ \text{mm} \end{matrix}$	H mm	L mm	PART. NO.	
PG 7	4.5	6.0	15	20	6	1081.07.060	50
PG 7	6.0	7.5	15	20	6	1081.07.075	50
PG 9	6.0	8.0	18	23	6	1081.09.080	50
PG 9	8.0	10.0	18	25	6	1081.09.100	50
PG 11	5.5	8.5	21	25	6	1081.11.085	50
PG 11	8.5	12.0	21	25	6	1081.11.120	50
PG 13	8.0	11.0	24	25	6	1081.13.110	50
PG 13	11.0	14.0	24	27	6	1081.13.140	50
PG 16	8.0	11.0	24	24	6	1081.16.110	50
PG 16	11.0	14.0	24	27	6	1081.16.140	50
PG 21	13.0	16.0	30	30	7	1081.21.160	25
PG 21	16.0	19.0	30	33	7	1081.21.190	25
PG 29	19.0	23.0	38	33	8	1081.29.230	25
PG 29	23.0	25.5	38	32	8	1081.29.255	25

LONG ENTRY THREAD PG



PROGRESS MS EMC RAPID



ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

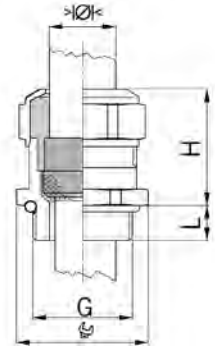
G	$\begin{matrix} >\varnothing< \\ \text{min mm} \end{matrix}$	$\begin{matrix} >\varnothing< \\ \text{max mm} \end{matrix}$	$\begin{matrix} \varnothing \\ \text{mm} \end{matrix}$	H mm	L mm	PART. NO.	
PG 7	4.5	6.0	15	20	10	1181.07.060	50
PG 7	6.0	7.5	15	20	10	1181.07.075	50
PG 9	6.0	8.0	18	23	10	1181.09.080	50
PG 9	8.0	10.0	18	25	10	1181.09.100	50
PG 11	5.5	8.5	21	25	10	1181.11.085	50
PG 11	8.5	12.0	21	25	10	1181.11.120	50
PG 13	8.0	11.0	24	25	10	1181.13.110	50
PG 13	11.0	14.0	24	27	10	1181.13.140	50
PG 16	8.0	11.0	24	24	10	1181.16.110	50
PG 16	11.0	14.0	24	27	10	1181.16.140	50
PG 21	13.0	16.0	30	30	12	1181.21.160	25
PG 21	16.0	19.0	30	33	12	1181.21.190	25
PG 29	19.0	23.0	38	33	12	1181.29.230	25
PG 29	23.0	25.5	38	32	12	1181.29.255	25

CABLE GLANDS EMC NICKEL-PLATED BRASS

WITH CONTACT SLEEVE

SHORT ENTRY THREAD METRIC

MATERIAL:	NICKEL-PLATED BRASS
CONTACT SLEEVE:	NICKEL-PLATED BRASS
SEAL:	TPE
O-RING:	NBR
STRAIN RELIEF:	ACCORDING TO EN 50262 VERSION A
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K
PROPERTIES:	EXCELLENT SHIELD CONTACT THROUGH THE CONTACT SLEEVE WITH THE BRAIDED SHIELD TERMINATING IN THE SCREWED CABLE GLAND



PROGRESS MS EMC



ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	i info	PART. NO.	
M8x1.25	2.5	3.5	11	15	5	1	1080.08.035	50
M8x1.25	3.0	4.0	11	15	5	1	1080.08.040	50
M10x1.5	3.0	4.0	13	16	5	1	1080.10.040	50
M10x1.5	4.0	6.0	13	16	5	1	1080.10.060	50
M12x1.5	4.5	6.0	15	20	5	-	1080.12.060	50
M12x1.5	6.0	7.5	15	20	5	-	1080.12.075	50
M16x1.5	6.0	8.0	18	23	5	-	1080.17.080	50
M16x1.5	8.0	10.0	18	25	5	-	1080.17.100	50
M20x1.5	8.0	11.0	24	25	6	-	1080.20.110	50
M20x1.5	11.0	14.0	24	27	6	-	1080.20.140	50
M25x1.5	13.0	16.0	30	30	7	-	1080.25.160	25
M25x1.5	16.0	19.0	30	33	7	-	1080.25.190	25
M32x1.5	18.0	21.0	36	32	8	-	1080.32.210	25
M32x1.5	21.0	25.0	36	32	8	-	1080.32.250	25
M40x1.5	24.0	28.5	46	34	8	-	1080.40.285	10
M40x1.5	28.5	32.0	46	34	8	-	1080.40.320	10
M50x1.5	33.0	37.0	55	36	9	-	1080.50.370	10
M50x1.5	37.0	41.0	55	36	9	-	1080.50.410	10
M63x1.5	40.0	46.0	70	39	10	-	1080.63.460	5
M63x1.5	46.0	50.0	70	39	10	-	1080.63.500	5
M75x1.5	50.0	56.0	80	40	11	-	1080.75.560	1
M80x2.0	56.0	65.0	95	45	18	-	1080.80.650	1
M85x2.0	63.0	70.0	95	45	18	-	1080.85.700	1
M95x2.0	68.0	75.0	110	52	20	-	1080.95.750	1



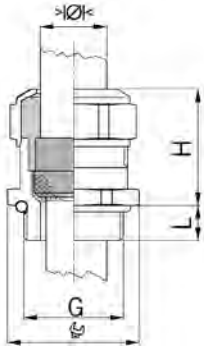
1 = METRIC COARSE-PITCH THREAD



CABLE GLANDS EMC NICKEL-PLATED BRASS

WITH CONTACT SLEEVE

LONG ENTRY THREAD METRIC



MATERIAL:	NICKEL-PLATED BRASS
CONTACT SLEEVE:	NICKEL-PLATED BRASS
SEAL:	TPE
O-RING :	NBR
STRAIN RELIEF:	ACCORDING TO EN 50262 VERSION A
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K
PROPERTIES:	EXCELLENT SHIELD CONTACT THROUGH THE CONTACT SLEEVE WITH THE BRAIDED SHIELD TERMINATING IN THE SCREWED CABLE GLAND



PROGRESS MS EMC



ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	Ø mm	H mm	L mm	i info	PART. NO.	
M8x1.25	2.5	3.5	11	15	10	1	1180.08.035	50
M8x1.25	3.0	4.0	11	15	10	1	1180.08.040	50
M10x1.5	3.0	4.0	13	16	10	1	1180.10.040	50
M10x1.5	4.0	6.0	13	16	10	1	1180.10.060	50
M12x1.5	4.5	6.0	15	20	10	-	1180.12.060	50
M12x1.5	6.0	7.5	15	20	10	-	1180.12.075	50
M16x1.5	6.0	8.0	18	23	10	-	1180.17.080	50
M16x1.5	8.0	10.0	18	25	10	-	1180.17.100	50
M20x1.5	8.0	11.0	24	25	10	-	1180.20.110	50
M20x1.5	11.0	14.0	24	27	10	-	1180.20.140	50
M25x1.5	13.0	16.0	30	30	11	-	1180.25.160	25
M25x1.5	16.0	19.0	30	33	11	-	1180.25.190	25
M32x1.5	18.0	21.0	36	32	13	-	1180.32.210	25
M32x1.5	21.0	25.0	36	32	13	-	1180.32.250	25
M40x1.5	24.0	28.5	46	34	13	-	1180.40.285	10
M40x1.5	28.5	32.0	46	34	13	-	1180.40.320	10
M50x1.5	33.0	37.0	55	36	14	-	1180.50.370	10
M50x1.5	37.0	41.0	55	36	14	-	1180.50.410	10
M63x1.5	40.0	46.0	70	39	14	-	1180.63.460	5
M63x1.5	46.0	50.0	70	39	14	-	1180.63.500	5

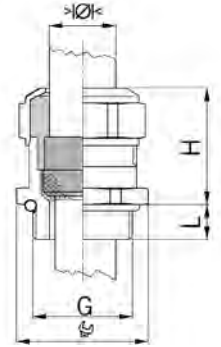
1 = METRIC COARSE-PITCH THREAD

CABLE GLANDS EMC NICKEL-PLATED BRASS

WITH CONTACT SLEEVE

SHORT ENTRY THREAD PG

MATERIAL:	NICKEL-PLATED BRASS
CONTACT SLEEVE:	NICKEL-PLATED BRASS
SEAL:	TPE
O-RING:	NBR
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K
PROPERTIES:	EXCELLENT SHIELD CONTACT THROUGH THE CONTACT SLEEVE WITH THE BRAIDED SHIELD TERMINATING IN THE SCREWED CABLE GLAND



PROGRESS MS EMC

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	H mm	L mm	PART. NO.	
Pg 7	4.5	6.0	15	20	6	1080.07.060 50
Pg 7	6.0	7.5	15	20	6	1080.07.075 50
Pg 9	6.0	8.0	18	23	6	1080.09.080 50
Pg 9	8.0	10.0	18	25	6	1080.09.100 50
Pg 11	5.5	8.5	21	23	6	1080.11.085 50
Pg 11	8.5	12.0	21	23	6	1080.11.120 50
Pg 13	8.0	11.0	24	25	6	1080.13.110 50
Pg 13	11.0	14.0	24	27	6	1080.13.140 50
Pg 16	8.0	11.0	24	24	6	1080.16.110 50
Pg 16	11.0	14.0	24	27	6	1080.16.140 50
Pg 21	13.0	16.0	30	30	7.5	1080.21.160 25
Pg 21	16.0	19.0	30	33	7.5	1080.21.190 25
Pg 29	19.0	23.0	38	33	8	1080.29.230 25
Pg 29	23.0	25.5	38	32	8	1080.29.255 25
Pg 36	25.0	30.5	50	36	8	1080.36.305 10
Pg 36	30.5	35.0	50	34	8	1080.36.350 10
Pg 42	33.0	37.0	55	37	10	1080.42.370 10
Pg 42	37.0	41.0	55	36	10	1080.42.410 10
Pg 48	39.0	43.0	65	42	11	1080.48.430 10
Pg 48	43.0	46.5	65	40	11	1080.48.465 10



LONG ENTRY THREAD PG

PROGRESS MS EMC

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	H mm	L mm	PART. NO.	
Pg 7	4.5	6.0	15	20	10	1180.07.060 50
Pg 7	6.0	7.5	15	20	10	1180.07.075 50
Pg 9	6.0	8.0	18	23	10	1180.09.080 50
Pg 9	8.0	10.0	18	25	10	1180.09.100 50
Pg 11	5.5	8.5	21	23	10	1180.11.085 50
Pg 11	8.5	12.0	21	23	10	1180.11.120 50
Pg 13	8.0	11.0	24	25	10	1180.13.110 50
Pg 13	11.0	14.0	24	27	10	1180.13.140 50
Pg 16	8.0	11.0	24	24	10	1180.16.110 50
Pg 16	11.0	14.0	24	27	10	1180.16.140 50
Pg 21	13.0	16.0	30	30	12	1180.21.160 25
Pg 21	16.0	19.0	30	33	12	1180.21.190 25
Pg 29	19.0	23.0	38	33	12	1180.29.230 25
Pg 29	23.0	25.5	38	32	12	1180.29.255 25
Pg 36	25.0	30.5	50	36	15	1180.36.305 10
Pg 36	30.5	35.0	50	34	15	1180.36.350 10
Pg 42	33.0	37.0	55	37	15	1180.42.370 10
Pg 42	37.0	41.0	55	36	15	1180.42.410 10
Pg 48	39.0	43.0	65	42	15	1180.48.430 10
Pg 48	43.0	46.5	65	40	15	1180.48.465 10

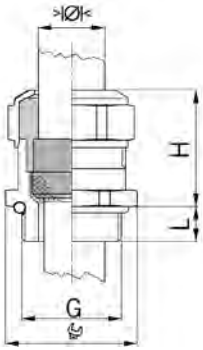




CABLE GLANDS EMC NICKEL-PLATED BRASS

WITH CONTACT SLEEVE FOR HIGH TEMPERATURE APPLICATIONS

SHORT ENTRY THREAD METRIC



MATERIAL:	NICKEL-PLATED BRASS
CONTACT SLEEVE:	NICKEL-PLATED BRASS
SEAL:	FPM
O-RING:	FPM
STRAIN RELIEF:	ACCORDING TO EN 50262 VERSION A
TEMPERATURE RANGE:	-40°C / +200°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K
PROPERTIES:	EXCELLENT SHIELD CONTACT THROUGH THE CONTACT SLEEVE WITH THE BRAIDED SHIELD TERMINATING IN THE SCREWED CABLE GLAND



ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	Ø mm	H mm	L mm	i info	PART. NO.	
M10x1.5	3.0	4.0	13	16	5	1	1080.10.91.040	50
M10x1.5	4.0	6.0	13	16	5	1	1080.10.91.060	50
M12x1.5	4.5	6.0	15	20	5	-	1080.12.91.060	50
M12x1.5	6.0	7.5	15	20	5	-	1080.12.91.075	50
M16x1.5	6.0	8.0	18	23	5	-	1080.17.91.080	50
M16x1.5	8.0	10.0	18	25	5	-	1080.17.91.100	50
M20x1.5	8.0	11.0	24	25	6	-	1080.20.91.110	50
M20x1.5	11.0	14.0	24	27	6	-	1080.20.91.140	50
M25x1.5	13.0	16.0	30	30	7	-	1080.25.91.160	25
M25x1.5	16.0	19.0	30	33	7	-	1080.25.91.190	25
M32x1.5	18.0	21.0	36	32	8	-	1080.32.91.210	25
M32x1.5	21.0	25.0	36	32	8	-	1080.32.91.250	25

1 = METRIC COARSE-PITCH THREAD

LONG ENTRY THREAD METRIC



ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	Ø mm	H mm	L mm	i info	PART. NO.	
M10x1.5	3.0	4.0	13	16	10	1	1180.10.91.040	50
M10x1.5	4.0	6.0	13	16	10	1	1180.10.91.060	50
M12x1.5	4.5	6.0	15	20	10	-	1180.12.91.060	50
M12x1.5	6.0	7.5	15	20	10	-	1180.12.91.075	50
M16x1.5	6.0	8.0	18	23	10	-	1180.17.91.080	50
M16x1.5	8.0	10.0	18	25	10	-	1180.17.91.100	50
M20x1.5	8.0	11.0	24	25	10	-	1180.20.91.110	50
M20x1.5	11.0	14.0	24	27	10	-	1180.20.91.140	50
M25x1.5	13.0	16.0	30	30	11	-	1180.25.91.160	25
M25x1.5	16.0	19.0	30	33	11	-	1180.25.91.190	25
M32x1.5	18.0	21.0	36	32	13	-	1180.32.91.210	25
M32x1.5	21.0	25.0	36	32	13	-	1180.32.91.250	25

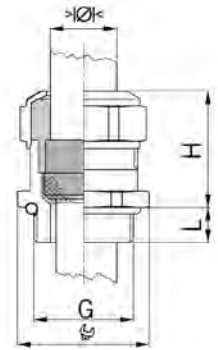
1 = METRIC COARSE-PITCH THREAD

CABLE GLANDS EMC NICKEL-PLATED BRASS

WITH CONTACT SLEEVE FOR HIGH TEMPERATURE APPLICATIONS

SHORT ENTRY THREAD PG

MATERIAL:	NICKEL-PLATED BRASS
CONTACT SLEEVE:	NICKEL-PLATED BRASS
SEAL:	FPM
O-RING:	FPM
TEMPERATURE RANGE:	-40°C / +200°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K
PROPERTIES:	EXCELLENT SHIELD CONTACT THROUGH THE CONTACT SLEEVE WITH THE BRAIDED SHIELD TERMINATING IN THE SCREWED CABLE GLAND



ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
Pg 9	6.0	8.0	18	23	6	1080.09.91.080	50
Pg 9	8.0	10.0	18	25	6	1080.09.91.100	50
Pg 11	5.5	8.5	21	23	6	1080.11.91.085	50
Pg 11	8.5	12.0	21	23	6	1080.11.91.120	50
Pg 13	8.0	11.0	24	25	6	1080.13.91.110	50
Pg 13	11.0	14.0	24	27	6	1080.13.91.140	50
Pg 16	8.0	11.0	24	24	6	1080.16.91.110	50
Pg 16	11.0	14.0	24	27	6	1080.16.91.140	50
Pg 21	13.0	16.0	30	30	7.5	1080.21.91.160	25
Pg 21	16.0	19.0	30	33	7.5	1080.21.91.190	25
Pg 29	19.0	23.0	38	33	8	1080.29.91.230	25
Pg 29	23.0	25.5	38	32	8	1080.29.91.255	25



LONG ENTRY THREAD PG

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
Pg 9	6.0	8.0	18	23	10	1180.09.91.080	50
Pg 9	8.0	10.0	18	25	10	1180.09.91.100	50
Pg 11	5.5	8.5	21	23	10	1180.11.91.085	50
Pg 11	8.5	12.0	21	23	10	1180.11.91.120	50
Pg 13	8.0	11.0	24	25	10	1180.13.91.110	50
Pg 13	8.5	12.0	24	27	10	1180.13.91.140	50
Pg 16	8.0	11.0	24	24	10	1180.16.91.110	50
Pg 16	11.0	14.0	24	27	10	1180.16.91.140	50
Pg 21	13.0	16.0	30	30	12	1180.21.91.160	25
Pg 21	16.0	19.0	30	33	12	1180.21.91.190	25
Pg 29	19.0	23.0	38	33	12	1180.29.91.230	25
Pg 29	23.0	25.5	38	32	12	1180.29.91.255	25

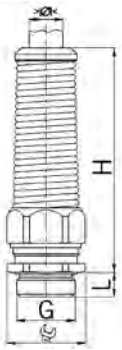




CABLE GLANDS EMC NICKEL-PLATED BRASS

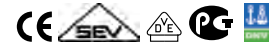
WITH ANTIKINK SPRING

SHORT ENTRY THREAD METRIC



MATERIAL:	NICKEL-PLATED BRASS
ANTI-KINK SPRING:	STAINLESS STEEL A2
SEAL:	TPE
O-RING:	NBR
STRAIN RELIEF:	ACCORDING TO EN 50262 VERSION A
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68
PROTECTION TYPE ADDITION:	IP 69K
PROPERTIES:	EXCELLENT SHIELD CONTACT THROUGH THE CONTACT SLEEVE WITH THE BRAIDED SHIELD TERMINATING IN THE SCREWED CABLE GLAND

PROGRESS MS EMC FKN



ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	$\begin{matrix} >\varnothing< \\ \text{min mm} \end{matrix}$	$\begin{matrix} >\varnothing< \\ \text{max mm} \end{matrix}$	$\begin{matrix} \varnothing \\ \text{mm} \end{matrix}$	H mm	L mm	i info	PART. NO.	
M8x1.25	2.5	3.5	11	50	5	1	1080.08.52.035	10
M8x1.25	3.0	4.0	11	50	5	1	1080.08.52.040	10
M10x1.5	3.0	4.0	13	54	5	1	1080.10.52.040	10
M10x1.5	4.0	6.0	13	54	5	1	1080.10.52.060	10
M12x1.5	4.5	6.0	15	60	5	-	1080.12.52.060	10
M12x1.5	6.0	7.5	15	60	5	-	1080.12.52.075	10
M16x1.5	6.0	8.0	18	69	5	-	1080.17.52.080	10
M16x1.5	8.0	10.0	18	69	5	-	1080.17.52.100	10
M20x1.5	8.0	11.0	24	88	6	-	1080.20.52.110	10
M20x1.5	11.0	14.0	24	88	6	-	1080.20.52.140	10
M25x1.5	13.0	16.0	30	104	7	-	1080.25.52.160	10
M25x1.5	16.0	19.0	30	104	7	-	1080.25.52.190	10
M32x1.5	18.0	21.0	36	112	8	-	1080.32.52.210	5
M32x1.5	21.0	24.5	36	112	8	-	1080.32.52.245	5

1 = METRIC COARSE-PITCH THREAD

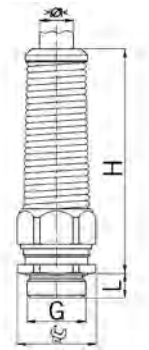
LONG ENTRY THREAD AVAILABLE ON REQUEST

CABLE GLANDS EMC NICKEL-PLATED BRASS

WITH ANTIKINK SPRING

SHORT ENTRY THREAD PG

MATERIAL:	NICKEL-PLATED BRASS
ANTI-KINK SPRING:	STAINLESS STEEL A2
SEAL:	TPE
O-RING:	NBR
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68
PROPERTIES:	EXCELLENT SHIELD CONTACT THROUGH THE CONTACT SLEEVE WITH THE BRAIDED SHIELD TERMINATING IN THE SCREWED CABLE GLAND



PROGRESS MS EMC FKN

ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	$\begin{matrix} > \varnothing < \\ \text{min mm} \end{matrix}$	$\begin{matrix} > \varnothing < \\ \text{max mm} \end{matrix}$	$\begin{matrix} \varnothing \\ \text{mm} \end{matrix}$	H mm	L mm	PART. NO.	
Pg 7	4.5	6.0	15	60	6	1080.07.52.060	10
Pg 7	6.0	7.5	15	60	6	1080.07.52.075	10
Pg 9	6.0	8.0	18	69	6	1080.09.52.080	10
Pg 9	8.0	10.0	18	69	6	1080.09.52.100	10
Pg 11	6.0	8.0	18/21	69	6	1080.11.52.080	10
Pg 11	8.0	10.0	18/21	69	6	1080.11.52.100	10
Pg 13	8.0	11.0	24	88	6	1080.13.52.110	10
Pg 13	11.0	14.0	24	88	6	1080.13.52.140	10
Pg 16	8.0	11.0	24	88	6	1080.16.52.110	10
Pg 16	11.0	14.0	24	88	6	1080.16.52.140	10
Pg 21	13.0	16.0	30	104	7	1080.21.52.160	5
Pg 21	16.0	19.0	30	104	7	1080.21.52.190	5

LONG ENTRY THREAD AVAILABLE ON REQUEST

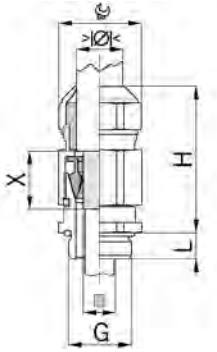




CABLE GLANDS EMC SERIES 85 NICKEL-PLATED BRASS

WITH COLLET CHUCK

ENTRY THREAD METRIC



MATERIAL:	NICKEL-PLATED BRASS
SEAL:	TPE
O-RING:	NBR
STRAIN RELIEF:	ACCORDING TO EN 50262 VERSION A
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K
PROPERTIES:	FOR HIGH LEAKAGE CURRENTS, CONCENTRIC SHIELD CONTACT WITH MINIMAL TRANSFER RESISTANCES AND TRANSFER IMPEDANCES

PROGRESS MS EMC SERIES 85

TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

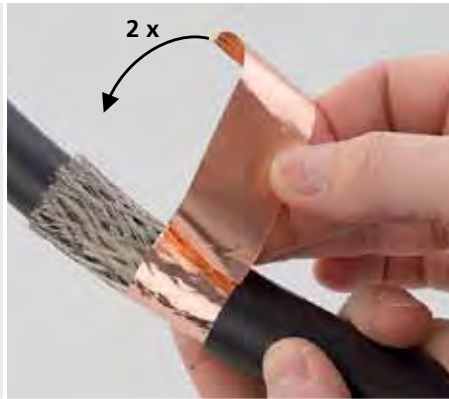


G	>Ø< min mm	>Ø< max mm	>■< mm	R mm	H mm	L mm	X mm	PART. NO.	
M16x1.5	4.5	6.0	3.0-4.5	18	40	6	14	1000.17.85.045	25
M16x1.5	6.0	10.5	4.5-8.0	18	42	8	16	1000.17.85.080	25
M16x1.5	8.0	15.0	7.5-10.0	24	47	8	20	1000.17.85.100	25
M20x1.5	8.0	15.0	7.5-12.0	24	47	8	20	1000.20.85.120	25
M20x1.5	12.5	20.5	10.0-14.0	30	59	8	21	1000.20.85.140	20
M25x1.5	12.5	20.5	10.0-16.0	30	59	8	21	1000.25.85.160	20
M25x1.5	17.0	25.5	14.0-19.0	36	66	8	24	1000.25.85.190	25
M32x1.5	17.0	25.5	14.0-22.0	36	66	10	24	1000.32.85.220	25
M32x1.5	24.0	33.0	21.0-25.0	46	68	10	24	1000.32.85.250	5
M40x1.5	24.0	33.0	21.0-30.0	46	68	12	24	1000.40.85.300	5
M50x1.5	33.0	42.0	29.0-38.0	55	77	13	25	1000.50.85.380	5
M63x1.5	33.0	42.0	29.0-38.0	70/55	77	15	25	1000.63.85.380	5
M63x1.5	40.0	52.0	35.0-44.0	70	78	15	26	1000.63.85.440	1

IMPORTANT!

TO PROVIDE THE BEST POSSIBLE PROTECTION FOR THE CABLE SHIELD AND THE CABLE, IT IS NECESSARY TO INSTALL A COPPER EMC TAPE.

THE COPPER TAPE MUST BE FIXED ACCORDING TO THE ILLUSTRATION!
(EXAMPLE: TAPE SCOTCH 3M TYP 1181)

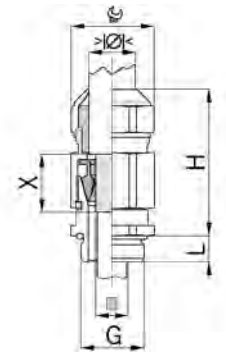


CABLE GLANDS EMC SERIES 85 NICKEL-PLATED BRASS

WITH COLLET CHUCK

ENTRY THREAD PG

MATERIAL:	NICKEL-PLATED BRASS
SEAL:	TPE
O-RING:	NBR
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K
PROPERTIES:	FOR HIGH LEAKAGE CURRENTS, CONCENTRIC SHIELD CONTACT WITH MINIMAL TRANSFER RESISTANCES AND TRANSFER IMPEDANCES



TWO-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	>■< mm	 mm	H mm	L mm	X mm	PART. NO.	
Pg 11	6.0	10.5	4.5-8.0	21/18	42	8	16	1000.11.85.080	25
Pg 11	8.0	15.0	7.5-12.0	24	47	8	20	1000.11.85.120	25
Pg 16	8.0	15.0	7.5-12.0	24	47	8	20	1000.16.85.120	25
Pg 16	12.5	20.5	10.0-15.0	30	59	8	21	1000.16.85.150	25
Pg 21	12.5	20.5	10.0-16.0	30	59	8	21	1000.21.85.160	20
Pg 21	17.0	25.5	14.0-19.0	36	66	8	24	1000.21.85.190	25
Pg 29	17.0	25.5	14.0-22.0	38/36	66	10	24	1000.29.85.220	20
Pg 29	24.0	33.0	21.0-25.0	46	68	10	24	1000.29.85.250	5

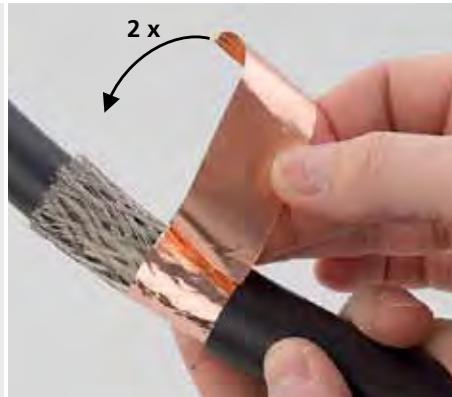


IMPORTANT!

TO PROVIDE THE BEST POSSIBLE PROTECTION FOR THE CABLE SHIELD AND THE CABLE, IT IS NECESSARY TO INSTALL A COPPER EMC TAPE.

FURTHER DIMENSIONS UPON REQUEST

THE COPPER TAPE MUST BE FIXED ACCORDING TO THE ILLUSTRATION!
(EXAMPLE: TAPE SCOTCH 3M TYP 1181)

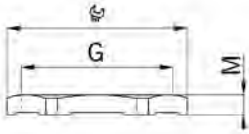




EMC CABLE GLANDS ACCESSORIES

ENTRY THREAD METRIC

EMC LOCK NUTS NICKEL-PLATED BRASS WITH CUTTER TEETH



MATERIAL: NICKEL-PLATED BRASS
 EXECUTION: EMC LOCK NUT BRASS WITH CUTTING TEETH FOR OPTIMISED SHIELD CONTACT
 TEMPERATURE RANGE: -60°C / +200°C



G	 mm	M mm	i info	PART. NO.	
M8x1.25	11	3.3	1	8008.85	25
M10x1.5	13	3.3	1	8010.85	25
M12x1.5	15	3.5	-	8012.85	25
M16x1.5	19	3.5	-	8017.85	25
M20x1.5	24	4.0	-	8020.85	25
M25x1.5	30	4.0	-	8025.85	10
M32x1.5	36	5.0	-	8032.85	10
M40x1.5	46	5.3	-	8040.85	10
M50x1.5	55	6.3	-	8050.85	10
M63x1.5	70	7.0	-	8063.85	10

1 = METRIC COARSE-PITCH THREAD

ENTRY THREAD PG



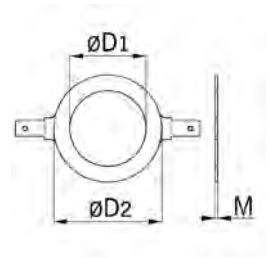
G	 mm	M mm	PART. NO.	
Pg 7	15	3.3	8007.85	25
Pg 9	18	3.3	8009.85	25
Pg 11	21	3.5	8011.85	25
Pg 13	24	3.5	8013.85	25
Pg 16	26	3.5	8016.85	25
Pg 21	32	4.0	8021.85	10
Pg 29	41	4.6	8029.85	10
Pg 36	50	5.8	8036.85	10
Pg 42	60	5.8	8042.85	10
Pg 48	64	6.5	8048.85	10

EMC CABLE GLANDS ACCESSORIES

SUITABLE FOR CABLE GLANDS PROGRESS®

GROUNDING STRAPS SUITABLE FOR CABLE GLANDS

MATERIAL: BRASS RAW
 TEMPERATURE RANGE: -60°C / +200°C
 APPLICATION: SOLDERABLE OR PLUGGABLE 6,3 X 1,0 MM



GROUNDING STRAPS SUITABLE FOR CABLE GLANDS / ENTRY THREAD METRIC

G	ØD1 mm	ØD2 mm	M mm	PART. NO.	
M12 / Pg 7	13.0	24	1	1007.80.10	100
M16	16.5	24	1	1017.80.10	100
M20	20.5	28	1	1020.80.10	100
M25	25.5	32	1	1025.80.10	100
M32	33.0	40	1	1032.80.10	100
M40	40.5	52	1	1040.80.10	100
M50	50.5	62	1	1050.80.10	50
M63	63.5	78	1	1063.80.10	50



GROUNDING STRAPS SUITABLE FOR CABLE GLANDS / ENTRY THREAD PG

G	ØD1 mm	ØD2 mm	M mm	PART. NO.	
M12 / Pg 7	13.0	24	1	1007.80.10	100
Pg 9	16.0	24	1	1009.80.10	100
Pg 11	19.0	28	1	1011.80.10	100
Pg 13	21.0	28	1	1013.80.10	100
Pg 16	23.0	32	1	1016.80.10	100
Pg 21	29.0	37	1	1021.80.10	100
Pg 29	38.0	52	1	1029.80.10	50
Pg 36	48.0	62	1	1036.80.10	50

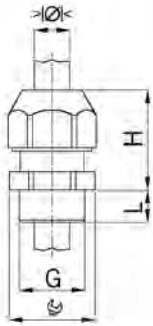




SYNTEC®

WITH LAMELLAR TECHNOLOGY

SHORT ENTRY THREAD METRIC



MATERIAL:	POLYAMIDE PA 6
PROPERTIES:	HALOGEN-FREE
SEALING RING:	TPE OR CR (NEOPRENE)
TESTED ACC. TO:	EN 50262
TEMPERATURE RANGE:	-30°C / +100°C
PROTECTION CLASS:	IP 68

SYNTEC

LIGHT GREY RAL 7035 / ONE-PIECE SEALING RING



G	>Ø< min mm	>Ø< max mm	Ø mm	H mm	L mm	PART. NO.	
M12x1.5	2.5	6.5	15	21	6	1555.12.06	100
M16x1.5	2.0	6.0	19	25	8	1555.17.06	50
M16x1.5	4.5	10.0	19	25	8	1555.17.10	50
M20x1.5	3.5	8.0	24	29	9	1555.20.08	50
M20x1.5	7.0	13.0	24	29	9	1555.20.13	50
M25x1.5	5.0	11.0	29	38	10	1555.25.11	25
M25x1.5	10.0	17.0	29	38	10	1555.25.17	25
M32x1.5	17.0	25.0	42	36	10	1555.32.25	20



SYNTEC

DARK GREY RAL 7001 / ONE-PIECE SEALING RING



G	>Ø< min mm	>Ø< max mm	Ø mm	H mm	L mm	PART. NO.	
M12x1.5	2.5	6.5	15	21	6	1556.12.06	100
M16x1.5	2.0	6.0	19	25	8	1556.17.06	50
M16x1.5	4.5	10.0	19	25	8	1556.17.10	50
M20x1.5	3.5	8.0	24	29	9	1556.20.08	50
M20x1.5	7.0	13.0	24	29	9	1556.20.13	50
M25x1.5	5.0	11.0	29	38	10	1556.25.11	25
M25x1.5	10.0	17.0	29	38	10	1556.25.17	25
M32x1.5	17.0	25.0	42	36	10	1556.32.25	20



SYNTEC

BLACK RAL 9005 / ONE-PIECE SEALING RING



G	>Ø< min mm	>Ø< max mm	Ø mm	H mm	L mm	PART. NO.	
M12x1.5	2.5	6.5	15	21	6	1545.12.06	100
M16x1.5	2.0	6.0	19	25	8	1545.17.06	50
M16x1.5	4.5	10.0	19	25	8	1545.17.10	50
M20x1.5	3.5	8.0	24	29	9	1545.20.08	50
M20x1.5	7.0	13.0	24	29	9	1545.20.13	50
M25x1.5	5.0	11.0	29	38	10	1545.25.11	25
M25x1.5	10.0	17.0	29	38	10	1545.25.17	25
M32x1.5	17.0	25.0	42	36	10	1545.32.25	20

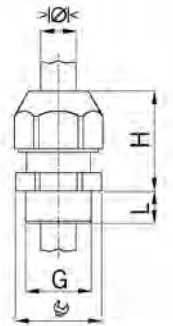


SYNTHETIC CABLE GLANDS SYNTEC®

WITH LAMELLAR TECHNOLOGY

LONG ENTRY THREAD METRIC

MATERIAL:	POLYAMIDE PA 6
PROPERTIES:	HALOGEN-FREE
SEALING RING:	TPE OR CR (NEOPRENE)
TESTED ACC. TO:	EN 50262
TEMPERATURE RANGE:	-30°C / +100°C
PROTECTION CLASS:	IP 68



SYNTEC

LIGHT GREY RAL 7035 / ONE-PIECE SEALING RING

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
M12x1.5	2.5	6.5	15	21	12	1555.12.1.06	100
M16x1.5	2.0	6.0	19	25	15	1555.17.1.06	50
M16x1.5	4.5	10.0	19	25	15	1555.17.1.10	50
M20x1.5	3.5	8.0	24	29	15	1555.20.1.08	50
M20x1.5	7.0	13.0	24	29	15	1555.20.1.13	50
M25x1.5	5.0	11.0	29	38	15	1555.25.1.11	25
M25x1.5	10.0	17.0	29	38	15	1555.25.1.17	25
M32x1.5	17.0	25.0	42	36	15	1555.32.1.25	20
M40x1.5	22.0	33.0	53	48	15	1555.40.1.33	10
M50x1.5	28.0	38.0	60	48	15	1555.50.1.38	5
M63x1.5	32.0	44.0	65	49	16	1555.63.1.44	5



SYNTEC

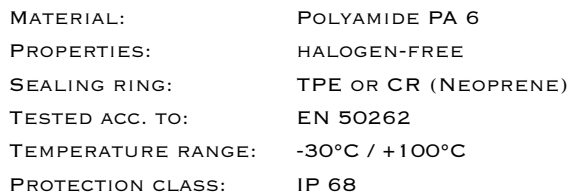
DARK GREY RAL 7001 / ONE-PIECE SEALING RING

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
M12x1.5	2.5	6.5	15	21	12	1556.12.1.06	100
M16x1.5	2.0	6.0	19	25	15	1556.17.1.06	50
M16x1.5	4.5	10.0	19	25	15	1556.17.1.10	50
M20x1.5	3.5	8.0	24	29	15	1556.20.1.08	50
M20x1.5	7.0	13.0	24	29	15	1556.20.1.13	50
M25x1.5	5.0	11.0	29	38	15	1556.25.1.11	25
M25x1.5	10.0	17.0	29	38	15	1556.25.1.17	25
M32x1.5	17.0	25.0	42	36	15	1556.32.1.25	20
M40x1.5	22.0	33.0	53	48	15	1556.40.1.33	10
M50x1.5	28.0	38.0	60	48	15	1556.50.1.38	5
M63x1.5	32.0	44.0	65	49	16	1556.63.1.44	5





LONG ENTRY THREAD METRIC



BLACK RAL 9005 / ONE-PIECE SEALING RING



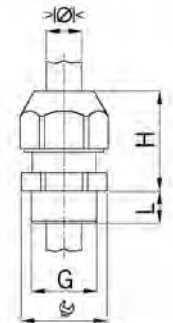
G					PART. NO.		
M12x1.5	2.5	6.5	15	21	12	1545.12.1.06	100
M16x1.5	2.0	6.0	19	25	15	1545.17.1.06	50
M16x1.5	4.5	10.0	19	25	15	1545.17.1.10	50
M20x1.5	3.5	8.0	24	29	15	1545.20.1.08	50
M20x1.5	7.0	13.0	24	29	15	1545.20.1.13	50
M25x1.5	5.0	11.0	29	38	15	1545.25.1.11	25
M25x1.5	10.0	17.0	29	38	15	1545.25.1.17	25
M32x1.5	17.0	25.0	42	36	15	1545.32.1.25	20
M40x1.5	22.0	33.0	53	48	15	1545.40.1.33	10
M50x1.5	28.0	38.0	60	48	15	1545.50.1.38	5
M63x1.5	32.0	44.0	65	49	16	1545.63.1.44	5

SYNTHETIC CABLE GLANDS SYNTEC®

WITH LAMELLAR TECHNOLOGY

ENTRY THREAD PG

MATERIAL: POLYAMIDE PA 6
 PROPERTIES: HALOGEN-FREE
 SEALING RING: CR (NEOPRENE)
 TEMPERATURE RANGE: -30°C / +100°C
 PROTECTION CLASS: IP 68



SYNTEC

LIGHT GREY RAL 7035 / ONE-PIECE SEALING RING

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
Pg 7	2.5	6.5	15	21	8	1555.07.06	100
Pg 9	3.0	8.0	19	23	8	1555.09.08	50
Pg 11	2.0	7.0	22	25	8	1555.11.07	50
Pg 11	4.0	10.0	22	25	8	1555.11.10	50
Pg 13	3.0	7.0	24	26	9	1555.13.07	50
Pg 13	5.5	12.0	24	26	9	1555.13.12	50
Pg 16	5.0	11.0	27	30	10	1555.16.11	50
Pg 16	8.5	14.0	27	30	10	1555.16.14	50
Pg 21	6.5	14.0	33	35	11	1555.21.14	25
Pg 21	11.0	18.0	33	35	11	1555.21.18	25
Pg 29	17.0	25.0	42	36	11	1555.29.25	20
Pg 36	22.0	33.0	53	48	15	1555.36.33	10
Pg 42	28.0	38.0	60	48	15	1555.42.38	5
Pg 48	32.0	44.0	65	48	15	1555.48.44	5



SYNTEC

DARK GREY RAL 7001 / ONE-PIECE SEALING RING

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
Pg 7	2.5	6.5	15	21	8	1556.07.06	100
Pg 9	3.0	8.0	19	23	8	1556.09.08	50
Pg 11	2.0	7.0	22	25	8	1556.11.07	50
Pg 11	4.0	10.0	22	25	8	1556.11.10	50
Pg 13	3.0	7.0	24	26	9	1556.13.07	50
Pg 13	5.5	12.0	24	26	9	1556.13.12	50
Pg 16	5.0	11.0	27	30	10	1556.16.11	50
Pg 16	8.5	14.0	27	30	10	1556.16.14	50
Pg 21	6.5	14.0	33	35	11	1556.21.14	25
Pg 21	11.0	18.0	33	35	11	1556.21.18	25
Pg 29	17.0	25.0	42	36	11	1556.29.25	20
Pg 36	22.0	33.0	53	48	15	1556.36.33	10
Pg 42	28.0	38.0	60	48	15	1556.42.38	5
Pg 48	32.0	44.0	65	48	15	1556.48.44	5

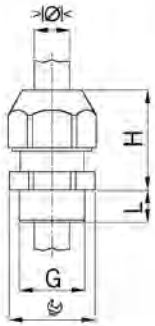




SYNTHETIC CABLE GLANDS SYNTEC®

WITH LAMELLAR TECHNOLOGY

ENTRY THREAD PG



MATERIAL: POLYAMIDE PA 6
 PROPERTIES: HALOGEN-FREE
 SEALING RING: CR (NEOPRENE)
 TEMPERATURE RANGE: -30°C / +100°C
 PROTECTION CLASS: IP 68

SYNTEC

BLACK RAL 9005 / ONE-PIECE SEALING RING



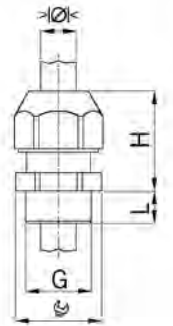
G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	PART. NO.	
Pg 7	2.5	6.5	15	21	8	1545.07.06	100
Pg 9	3.0	8.0	19	23	8	1545.09.08	50
Pg 11	2.0	7.0	22	25	8	1545.11.07	50
Pg 11	4.0	10.0	22	25	8	1545.11.10	50
Pg 13	3.0	7.0	24	26	9	1545.13.07	50
Pg 13	5.5	12.0	24	26	9	1545.13.12	50
Pg 16	5.0	11.0	27	30	10	1545.16.11	50
Pg 16	8.5	14.0	27	30	10	1545.16.14	50
Pg 21	6.5	14.0	33	35	11	1545.21.14	25
Pg 21	11.0	18.0	33	35	11	1545.21.18	25
Pg 29	17.0	25.0	42	36	11	1545.29.25	20
Pg 36	22.0	33.0	53	48	15	1545.36.33	10
Pg 42	28.0	38.0	60	48	15	1545.42.38	5
Pg 48	32.0	44.0	65	48	15	1545.48.44	5

SYNTHETIC CABLE GLANDS SYNTEC®

WITH LAMELLAR TECHNOLOGY

ENTRY THREAD NPT

MATERIAL:	POLYAMIDE PA 6
PROPERTIES:	HALOGEN-FREE
SEALING RING:	CR (NEOPRENE)
TEMPERATURE RANGE:	-30°C / +100°C
PROTECTION CLASS:	IP 54
PROTECTION TYPE ADDITION:	IP 68, IF THE ENTRY THREAD IS SEALED



SYNTEC

LIGHT GREY RAL 7035 / ONE-PIECE SEALING RING

G	$\begin{matrix} >\text{Ø}< \\ \text{min mm} \end{matrix}$	$\begin{matrix} >\text{Ø}< \\ \text{max mm} \end{matrix}$	$\begin{matrix} \text{mm} \end{matrix}$	H mm	L mm	PART. NO.	
NPT 3/8"	3.0	8.0	19/22	23	15	1555.N0375.08	50
NPT 1/2"	3.0	7.0	24	26	15	1555.N0500.07	50
NPT 1/2"	5.5	12.0	24	26	15	1555.N0500.12	50
NPT 3/4"	6.5	14.0	33	35	15	1555.N0750.14	25
NPT 3/4"	11.0	18.0	33	35	15	1555.N0750.18	25
NPT 1"	17.0	22.0	42	36	15	1555.N1000.22	20



SYNTEC

DARK GREY RAL 7001 / ONE-PIECE SEALING RING

G	$\begin{matrix} >\text{Ø}< \\ \text{min mm} \end{matrix}$	$\begin{matrix} >\text{Ø}< \\ \text{max mm} \end{matrix}$	$\begin{matrix} \text{mm} \end{matrix}$	H mm	L mm	PART. NO.	
NPT 3/8"	3.0	8.0	19/22	23	15	1556.N0375.08	50
NPT 1/2"	3.0	7.0	24	26	15	1556.N0500.07	50
NPT 1/2"	5.5	12.0	24	26	15	1556.N0500.12	50
NPT 3/4"	6.5	14.0	33	35	15	1556.N0750.14	25
NPT 3/4"	11.0	18.0	33	35	15	1556.N0750.18	25
NPT 1"	17.0	22.0	42	36	15	1556.N1000.22	20



SYNTEC

BLACK RAL 9005 / ONE-PIECE SEALING RING

G	$\begin{matrix} >\text{Ø}< \\ \text{min mm} \end{matrix}$	$\begin{matrix} >\text{Ø}< \\ \text{max mm} \end{matrix}$	$\begin{matrix} \text{mm} \end{matrix}$	H mm	L mm	PART. NO.	
NPT 3/8"	3.0	8.0	19/22	23	15	1545.N0375.08	50
NPT 1/2"	3.0	7.0	24	26	15	1545.N0500.07	50
NPT 1/2"	5.5	12.0	24	26	15	1545.N0500.12	50
NPT 3/4"	6.5	14.0	33	35	15	1545.N0750.14	25
NPT 3/4"	11.0	18.0	33	35	15	1545.N0750.18	25
NPT 1"	17.0	22.0	42	36	15	1545.N1000.22	20

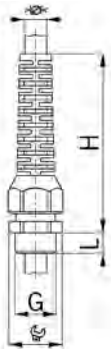




SYNTHETIC CABLE GLANDS SYNTEC®

WITH LAMELLAR TECHNOLOGY & ANTIKINK NOZZLE

SHORT ENTRY THREAD METRIC



MATERIAL: POLYAMIDE PA 6
 PROPERTIES: HALOGEN-FREE
 SEALING RING: CR (NEOPRENE)
 TESTED ACC. TO: EN 50262
 TEMPERATURE RANGE: -30°C / +100°C
 PROTECTION CLASS: IP 68



SYNTEC

LIGHT GREY RAL 7035 / ONE-PIECE SEALING RING

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	PART. NO.	
M12x1.5	2.5	6.5	15	54	6	1576.12.06	50
M16x1.5	4.0	8.0	19	64	6	1576.17.08	50
M20x1.5	3.0	7.0	24	88	8	1576.20.07	50
M20x1.5	5.5	12.0	24	88	8	1576.20.12	50



SYNTEC

DARK GREY RAL 7001 / ONE-PIECE SEALING RING

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	PART. NO.	
M12x1.5	2.5	6.5	15	54	6	1577.12.06	50
M16x1.5	4.0	8.0	19	64	6	1577.17.08	50
M20x1.5	3.0	7.0	24	88	8	1577.20.07	50
M20x1.5	5.5	12.0	24	88	8	1577.20.12	50



SYNTEC

BLACK RAL 9005 / ONE-PIECE SEALING RING

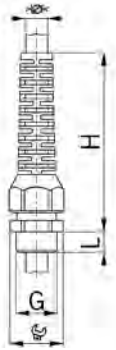
G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	PART. NO.	
M12x1.5	2.5	6.5	15	54	6	1546.12.06	50
M16x1.5	4.0	8.0	19	64	6	1546.17.08	50
M20x1.5	3.0	8.0	24	88	8	1546.20.07	50
M20x1.5	5.5	12.0	24	88	8	1546.20.12	50

SYNTHETIC CABLE GLANDS SYNTEC®

WITH LAMELLAR TECHNOLOGY & ANTIKINK NOZZLE

LONG ENTRY THREAD METRIC

MATERIAL:	POLYAMIDE PA 6
PROPERTIES:	HALOGEN-FREE
SEALING RING:	CR (NEOPRENE)
TESTED ACC. TO:	EN 50262
TEMPERATURE RANGE:	-30°C / +100°C
PROTECTION CLASS:	IP 68



SYNTEC

LIGHT GREY RAL 7035 / ONE-PIECE SEALING RING

G	>Ø< min mm	>Ø< max mm	H mm	L mm	PART. NO.	
M12x1.5	2.5	6.5	15	54	1576.12.1.06	50
M16x1.5	4.0	8.0	19	64	1576.17.1.08	50
M20x1.5	3.0	7.0	24	88	1576.20.1.07	50
M20x1.5	5.5	12.0	24	88	1576.20.1.12	50



SYNTEC

DARK GREY RAL 7001 / ONE-PIECE SEALING RING

G	>Ø< min mm	>Ø< max mm	H mm	L mm	PART. NO.	
M12x1.5	2.5	6.5	15	54	1577.12.1.06	50
M16x1.5	4.0	8.0	19	64	1577.17.1.08	50
M20x1.5	3.0	7.0	24	88	1577.20.1.07	50
M20x1.5	5.5	12.0	24	88	1577.20.1.12	50



SYNTEC

BLACK RAL 9005 / ONE-PIECE SEALING RING

G	>Ø< min mm	>Ø< max mm	H mm	L mm	PART. NO.	
M12x1.5	2.5	6.5	15	54	1546.12.1.06	50
M16x1.5	4.0	8.0	19	64	1546.17.1.08	50
M20x1.5	3.0	7.0	24	88	1546.20.1.07	50
M20x1.5	5.5	12.0	24	88	1546.20.1.12	50

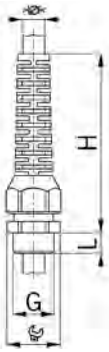




SYNTEC®

WITH LAMELLAR TECHNOLOGY & ANTIKINK NOZZLE

ENTRY THREAD PG



MATERIAL:	POLYAMIDE PA 6
PROPERTIES:	HALOGEN-FREE
SEALING RING:	CR (NEOPRENE)
TEMPERATURE RANGE:	-30°C / +100°C
PROTECTION CLASS:	IP 68

SYNTEC

LIGHT GREY RAL 7035 / ONE-PIECE SEALING RING



G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm
Pg 7	2.5	6.5	15	54	8
Pg 9	3.0	8.0	19	64	8
Pg 11	2.0	7.0	22	77	8
Pg 11	4.0	10.0	22	77	8
Pg 13	3.0	7.0	24	88	9
Pg 13	5.5	12.0	24	88	9
Pg 16	5.0	11.0	27	102	10
Pg 16	8.5	14.0	27	102	10

PART. NO.



1576.07.06	50
1576.09.08	50
1576.11.07	50
1576.11.10	50
1576.13.07	50
1576.13.12	50
1576.16.11	50
1576.16.14	50

SYNTEC

DARK GREY RAL 7001 / ONE-PIECE SEALING RING



G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm
Pg 7	2.5	6.5	15	54	8
Pg 9	3.0	8.0	19	64	8
Pg 11	2.0	7.0	22	77	8
Pg 11	4.0	10.0	22	77	8
Pg 13	3.0	7.0	24	88	9
Pg 13	5.5	12.0	24	88	9
Pg 16	5.0	11.0	27	102	10
Pg 16	8.5	14.0	27	102	10

PART. NO.



1577.07.06	50
1577.09.08	50
1577.11.07	50
1577.11.10	50
1577.13.07	50
1577.13.12	50
1577.16.11	50
1577.16.14	50

SYNTEC

BLACK RAL 9005 / ONE-PIECE SEALING RING



G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm
Pg 7	2.5	6.5	15	54	8
Pg 9	3.0	8.0	19	64	8
Pg 11	2.0	7.0	22	77	8
Pg 11	4.0	10.0	22	77	8
Pg 13	3.0	7.0	24	88	9
Pg 13	5.5	12.0	24	88	9
Pg 16	5.0	11.0	27	102	10
Pg 16	8.5	14.0	27	102	10

PART. NO.



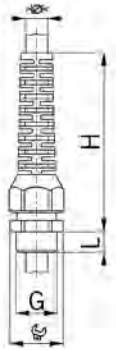
1546.07.06	50
1546.09.08	50
1546.11.07	50
1546.11.10	50
1546.13.07	50
1546.13.12	50
1546.16.11	50
1546.16.14	50

SYNTHETIC CABLE GLANDS SYNTEC®

WITH LAMELLAR TECHNOLOGY & ANTIKINK NOZZLE

ENTRY THREAD NPT

MATERIAL:	POLYAMIDE PA 6
PROPERTIES:	HALOGEN-FREE
SEALING RING:	CR (NEOPRENE)
TEMPERATURE RANGE:	-30°C / +100°C
PROTECTION CLASS:	IP 54
PROTECTION TYPE ADDITION:	IP 68, IF THE ENTRY THREAD IS SEALED



SYNTEC

LIGHT GREY RAL 7035 / ONE-PIECE SEALING RING

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
NPT 3/8"	3.0	8.0	19/22	64	15	1576.N0375.08	50
NPT 1/2"	3.0	7.0	24	88	15	1576.N0500.07	50
NPT 1/2"	5.5	12.0	24	88	15	1576.N0500.12	50



SYNTEC

DARK GREY RAL 7001 / ONE-PIECE SEALING RING

G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
NPT 3/8"	3.0	8.0	19/22	64	15	1577.N0375.08	50
NPT 1/2"	3.0	7.0	24	88	15	1577.N0500.07	50
NPT 1/2"	5.5	12.0	24	88	15	1577.N0500.12	50



SYNTEC

BLACK RAL 9005 / ONE-PIECE SEALING RING

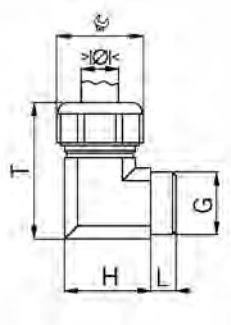
G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	PART. NO.	
NPT 3/8"	3.0	8.0	19/22	64	15	1546.N0375.08	50
NPT 1/2"	3.0	7.0	24	88	15	1546.N0500.07	50
NPT 1/2"	5.5	12.0	24	88	15	1546.N0500.12	50





SYNTHETIC CABLE GLANDS ELBOW 90°

ENTRY THREAD METRIC



MATERIAL: POLYAMIDE PA 6
SEAL: PVC / TPE
TEMPERATURE RANGE: -20°C / +100°C
PROTECTION CLASS: IP 68



LIGHT GREY RAL 7035 / ONE-PIECE SEALING INSERT

G	$\begin{array}{c} >\varnothing< \\ \text{min mm} \end{array}$	$\begin{array}{c} >\varnothing< \\ \text{max mm} \end{array}$	$\begin{array}{c} \text{mm} \end{array}$	H mm	T mm	L mm	PART. NO.	
M16x1.5	6.5	9.5	19	22	38	8	5215.17.95	25
M20x1.5	7.0	10.5	24	28	46	9	5215.20.105	25
M20x1.5	9.0	13.0	24	28	46	9	5215.20.13	25
M25x1.5	11.5	15.5	27	32	52	10	5215.25.155	25



BLACK RAL 9005 / ONE-PIECE SEALING INSERT

G	$\begin{array}{c} >\varnothing< \\ \text{min mm} \end{array}$	$\begin{array}{c} >\varnothing< \\ \text{max mm} \end{array}$	$\begin{array}{c} \text{mm} \end{array}$	H mm	T mm	L mm	PART. NO.	
M16x1.5	6.5	9.5	19	22	38	8	5215.17.40.95	25
M20x1.5	7.0	10.5	24	28	46	9	5215.20.40.105	25
M20x1.5	9.0	13.0	24	28	46	9	5215.20.40.13	25
M25x1.5	11.5	15.5	27	32	52	10	5215.25.40.155	25

ENTRY THREAD PG



LIGHT GREY RAL 7035 / ONE-PIECE SEALING INSERT

G	$\begin{array}{c} >\varnothing< \\ \text{min mm} \end{array}$	$\begin{array}{c} >\varnothing< \\ \text{max mm} \end{array}$	$\begin{array}{c} \text{mm} \end{array}$	H mm	T mm	L mm	PART. NO.	
Pg 9	4.5	6.5	19	22	38	8	5215.09.65	25
Pg 9	6.5	9.5	19	22	38	8	5215.09.95	25
Pg 11	7.0	10.5	22	25	42	9	5215.11.105	25
Pg 11	4.0	6.5	22	25	42	9	5215.11.65	25
Pg 11	6.5	9.5	22	25	42	9	5215.11.95	25
Pg 13	7.0	10.5	24	28	46	9	5215.13.105	25
Pg 13	9.0	13.0	24	28	46	9	5215.13.13	25
Pg 13	6.5	9.5	24	32	46	9	5215.13.95	25
Pg 16	7.0	10.5	27	32	52	10	5215.16.105	25
Pg 16	9.0	13.0	27	32	52	10	5215.16.13	25
Pg 16	11.5	15.5	27	32	52	10	5215.16.155	25
Pg 16	6.5	9.5	27	32	52	10	5215.16.95	25

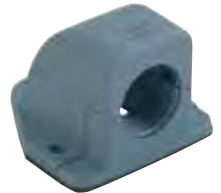
SYNTHETIC FLANGED ELBOW 90°

ENTRY THREAD METRIC

MATERIAL:	POLYAMIDE
SEAL:	NBR
TEMPERATURE RANGE:	-40°C / +110°C
PROTECTION CLASS:	IP 65
PROPERTIES:	THE FLANGED ELBOW CAN BE OPENED TO INSERT THE CABLES AND THEREFORE PERMITS AN EFFORTLESS INSTALLATION

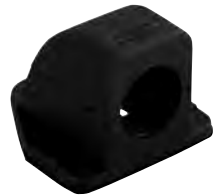
GREY

G	A mm	B mm	C mm	D mm	E mm	F mm	H mm	PART. NO.	
M16x1.5	49	47	35	22	27	29	37	5500.20.17	10
M20x1.5	49	47	35	22	27	29	37	5500.20.20	10
M25x1.5	69	65	44	30	31	42	52	5500.20.25	10
M32x1.5	90	78	55	40	65	65	65	5500.20.32	10
M40x1.5	100	94	66	48	68	80	80	5500.20.40	5
M50x1.5	116	101	76	63	85	88	88	5500.20.50	5



BLACK

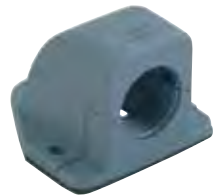
G	A mm	B mm	C mm	D mm	E mm	F mm	H mm	PART. NO.	
M16x1.5	49	47	35	22	27	29	37	5500.40.17	10
M20x1.5	49	47	35	22	27	29	37	5500.40.20	10
M25x1.5	69	65	44	30	31	42	52	5500.40.25	10
M32x1.5	90	78	55	40	65	65	65	5500.40.32	10
M40x1.5	100	94	66	48	68	80	80	5500.40.40	5
M50x1.5	116	101	76	63	85	88	88	5500.40.50	5



ENTRY THREAD PG

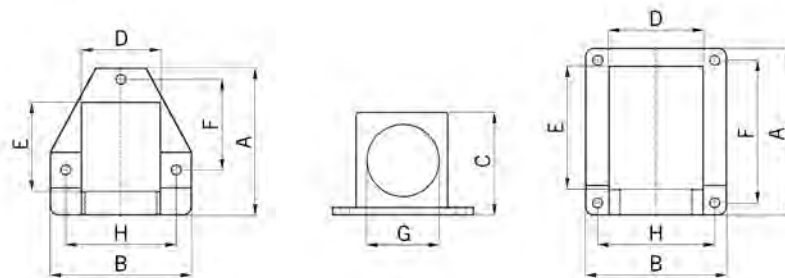
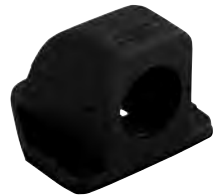
GREY

G	A mm	B mm	C mm	D mm	E mm	F mm	H mm	PART. NO.	
Pg 11	49	47	35	22	27	29	37	5520.11	10
Pg 16	49	47	35	22	27	29	37	5520.16	10
Pg 21	69	65	44	30	31	42	52	5520.21	10
Pg 29	90	78	55	40	65	65	65	5520.29	10
Pg 36	100	94	66	48	68	80	80	5520.36	5
Pg 48	116	101	76	63	85	88	88	5520.48.48	5



BLACK

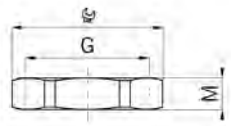
G	A mm	B mm	C mm	D mm	E mm	F mm	H mm	PART. NO.	
Pg 11	49	47	35	22	27	29	37	5540.11	10
Pg 16	49	47	35	22	27	29	37	5540.16	10
Pg 21	69	65	44	30	31	42	52	5540.21	10
Pg 29	90	78	55	40	65	65	65	5540.29	10
Pg 36	100	94	66	48	68	80	80	5540.36	5
Pg 48	116	101	76	63	85	88	88	5540.48.48	5





LOCK NUT NICKEL-PLATED BRASS

ENTRY THREAD METRIC



MATERIAL: NICKEL-PLATED BRASS
EXECUTION: HEXAGONAL DESIGN
TEMPERATURE RANGE: -40°C / +200°C



METRIC THREAD

G	 mm	M mm	i info	PART. NO.	
M6x0.75	9	2.8	-	8000.06.1	50
M6x1.0	9	2.8	1	8000.06	50
M8x1.0	11	2.8	-	8000.08.1	50
M8x1.25	11	2.8	1	8000.08	50
M10x1.0	13	2.8	-	8000.10.1	50
M10x1.5	13	2.8	1	8000.10	50
M12x1.5	15	3.0	-	8000.12	100
M16x1.5	19	3.0	-	8000.17	100
M20x1.5	24	3.5	-	8000.20	100
M25x1.5	30	4.0	-	8000.25	50
M32x1.5	36	4.0	-	8000.32	25
M40x1.5	46	5.0	-	8000.40	25
M50x1.5	55	5.5	-	8000.50	10
M63x1.5	70	6.0	-	8000.63	10
M75x1.5	80	6.0	-	8000.75	10
M80x2.0	95	8	-	8000.080	5
M85x2.0	95	8.0	-	8000.085	5
M95x2.0	110	9.0	-	8000.095	5
M100x3.0	115	9.0	-	8000.100	1
M105x3.0	120	9.0	-	8000.105	1
M115x3.0	125	10.0	-	8000.115	1

1 = METRIC COARSE-PITCH THREAD

ENTRY THREAD PG



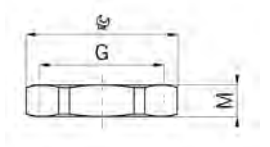
PG THREAD

G	 mm	M mm	PART. NO.	
Pg 7	15	3.0	8007	50
Pg 9	18	3.0	8009	50
Pg 11	21	3.0	8011	50
Pg 13	23	3.0	8013	50
Pg 16	26	3.0	8016	50
Pg 21	32	3.5	8021	25
Pg 29	41	4.0	8029	10
Pg 36	51	5.0	8036	10
Pg 42	60	5.0	8042	10
Pg 48	64	5.5	8048.48	10

LOCK NUT NICKEL-PLATED BRASS

GAS-PIPE THREAD METRIC

MATERIAL: NICKEL-PLATED BRASS
 EXECUTION: HEXAGONAL DESIGN
 TEMPERATURE RANGE: -40°C / +200°C



GAS-PIPE THREAD

G	 mm	M	i	PART. NO.	
G 3/8"	19	3.0	-	803/8G	10
G 1/2"	24	3.0	-	801/2G	10
G 3/8"	26	3.0	-	805/8G	10
G 3/4"	30	3.5	-	803/4G	10
G 1"	38	4.5	-	801G	10
G 1 1/2"	51	5.0	-	801 1/2G	10
G 1 1/4"	46	5.0	-	801 1/4G	10
G 2"	64	5.5	-	8048	10
G 2 1/2"	Ø90	12.0	1	8050	50
G 3"	Ø105	12.0	1	8051	50



1 = ROUND FORM, ZINC COATED STEEL

ENTRY THREAD METRIC

THICK-WALLED VERSION

G	 mm	M	PART. NO.	
M12x1.5	15	5.0	8300.12	50
M16x1.5	19	5.0	8300.17	50
M20x1.5	24	5.5	8300.20	50
M25x1.5	30	5.5	8300.25	50
M32x1.5	36	6.0	8300.32	50
M40x1.5	46	7.0	8300.40	50



ENTRY THREAD PG

THICK-WALLED VERSION

G	 mm	M	PART. NO.	
Pg 7	15	5.0	8300.07	50
Pg 9	18	5.0	8300.09	50
Pg 11	21	5.0	8300.11	50
Pg 13	24	5.5	8300.13	50
Pg 16	26	5.5	8300.16	50
Pg 21	32	6.0	8300.21	50
Pg 29	41	7.0	8300.29	50

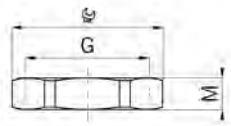




LOCK NUT NICKEL-PLATED BRASS

WITH RECESS FOR O-RING

ENTRY THREAD METRIC



MATERIAL: NICKEL-PLATED BRASS
 EXECUTION: HEXAGONAL DESIGN
 O-RING: TO BE ORDERED SEPARATELY
 TEMPERATURE RANGE: -40°C / +200°C



THICK-WALLED VERSION WITHOUT O-RING

G	 mm	M mm	O-ring	PART. NO.	
M12x1.5	15	5.0	1007.00.08	8300.12.1	50
M16x1.5	19	5.0	1016.00.15.08	8300.17.1	50
M20x1.5	24	5.5	1016.00.08	8300.20.1	50
M25x1.5	30	5.5	1013.00.22.08	8300.25.1	50
M32x1.5	36	6.0	1021.00.30.08	8300.32.1	50
M40x1.5	46	7.0	1029.00.39.08	8300.40.1	50
M50x1.5	55	7.5	1036.00.49.08	8300.50.1	10
M63x1.5	70	8.0	1048.00.62.08	8300.63.1	10

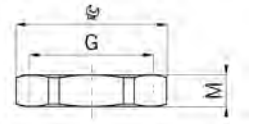
STAINLESS STEEL LOCK NUTS

STAINLESS STEEL A2

MATERIAL: CRNI STAINLESS STEEL A2
(DIN EN 1.4305 / AISI 303)

EXECUTION: HEXAGONAL DESIGN

TEMPERATURE RANGE: -40°C / +300°C



METRIC THREAD

G		M	i	PART. NO.	
M8x1.25	11	2.8	1	8008.96	50
M10x1.5	13	2.8	1	8010.96	50
M12x1.5	17	3.0	-	8012.96	50
M16x1.5	19	3.0	-	8017.96	50
M20x1.5	24	3.5	-	8020.96	50
M25x1.5	30	3.5	-	8025.96	25
M32x1.5	36	4.5	-	8032.96	25
M40x1.5	46	4.5	-	8040.96	10
M50x1.5	55	5.5	-	8050.96	10
M63x1.5	70	6.0	-	8063.96	5

1 = METRIC COARSE-PITCH THREAD



PG THREAD

G		M	PART. NO.	
Pg 7	17	3.5	8007.96	50
Pg 9	19	3.5	8009.96	50
Pg 11	22	3.5	8011.96	50
Pg 13	24	4.0	8013.96	50
Pg 16	27	4.0	8016.96	50
Pg 21	32	4.5	8021.96	25
Pg 29	41	5.5	8029.96	10
Pg 36	51	6.0	8036.96	10

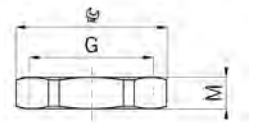


STAINLESS STEEL AND ACID RESISTANT A4

MATERIAL: STAINLESS AND ACID RESISTANT STEEL A4 CRNIMO
(DIN EN 1.4435 / AISI 316L)

EXECUTION: HEXAGONAL DESIGN

TEMPERATURE RANGE: -40°C / +300°C



METRIC THREAD

G		M	i	PART. NO.	
M8x1.25	11	2.8	1	8008.98	50
M10x1.5	13	2.8	1	8010.98	50
M12x1.5	17	3.0	-	8012.98	50
M16x1.5	19	3.0	-	8017.98	50
M20x1.5	24	3.5	-	8020.98	50
M25x1.5	30	3.5	-	8025.98	25
M32x1.5	36	4.5	-	8032.98	25
M40x1.5	46	4.5	-	8040.98	10
M50x1.5	55	5.5	-	8050.98	10
M63x1.5	70	6.0	-	8063.98	5

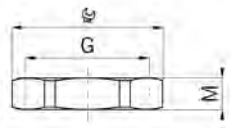
1 = METRIC COARSE-PITCH THREAD





SYNTHETIC LOCK NUTS

ENTRY THREAD METRIC



MATERIAL: POLYAMIDE GLASS FIBER REINFORCED
EXECUTION: HEXAGONAL DESIGN
TEMPERATURE RANGE: -40°C / +100°C



LIGHT GREY RAL 7035

G	 mm	M mm	PART. NO.	
M12x1.5	17	5.5	8212	100
M16x1.5	22	5.5	8217	100
M20x1.5	26	6.5	8220	100
M25x1.5	32	7.0	8225	100
M32x1.5	41	7.0	8232	100
M40x1.5	50	7.0	8240	50
M50x1.5	60	8.5	8250	10



BLACK RAL 9005

G	 mm	M mm	PART. NO.	
M12x1.5	17	5.5	8212.40	100
M16x1.5	22	5.5	8217.40	100
M20x1.5	26	6.5	8220.40	100
M25x1.5	32	7.0	8225.40	100
M32x1.5	41	7.0	8232.40	100
M40x1.5	50	7.0	8240.40	50
M50x1.5	60	8.5	8250.40	10

ENTRY THREAD PG



LIGHT GREY RAL 7035

G	 mm	M mm	PART. NO.	
Pg 7	19	5.0	8207	100
Pg 9	22	6.0	8209	100
Pg 11	24	6.0	8211	100
Pg 13	27	6.0	8213	100
Pg 16	30	6.0	8216	100
Pg 21	36	7.0	8221	100
Pg 29	46	7.0	8229	50
Pg 36	60	8.0	8236	25
Pg 42	65	8.0	8242	25
Pg 48	70	8.0	8248.48	25



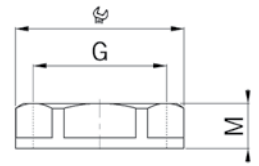
BLACK RAL 9005

G	 mm	M mm	PART. NO.	
Pg 7	19	5.0	8207.40	100
Pg 9	22	6.0	8209.40	100
Pg 11	24	6.0	8211.40	100
Pg 13	27	6.0	8213.40	100
Pg 16	30	6.0	8216.40	100
Pg 21	36	7.0	8221.40	100
Pg 29	46	7.0	8229.40	50
Pg 36	60	8.0	8236.40	25
Pg 42	65	8.0	8242.40	25
Pg 48	70	8.0	8248.48.40	25

SYNTHETIC LOCK NUTS WITH FLANGE

ENTRY THREAD METRIC

MATERIAL: POLYAMIDE PA 6
 EXECUTION: HEXAGONAL DESIGN WITH FLANGE
 TEMPERATURE RANGE: -30°C / +100°C



LIGHT GREY RAL 7035

G	 mm	M	mm	PART. NO.	
M12x1.5	17	5.0		8255.12	100
M16x1.5	22	5.0		8255.17	100
M20x1.5	27	6.0		8255.20	100
M25x1.5	33	6.7		8255.25	100
M32x1.5	42	7.9		8255.32	50
M40x1.5	48	8.4		8255.40	50
M50x1.5	59	9.9		8255.50	10
M63x1.5	73	11.0		8255.63	10



BLACK RAL 9005

G	 mm	M	mm	PART. NO.	
M12x1.5	17	5.0		8245.12	100
M16x1.5	22	5.0		8245.17	100
M20x1.5	27	6.0		8245.20	100
M25x1.5	33	6.7		8245.25	100
M32x1.5	42	7.9		8245.32	50
M40x1.5	48	8.4		8245.40	50
M50x1.5	59	9.9		8245.50	10
M63x1.5	73	11.0		8245.63	10



ENTRY THREAD PG

LIGHT GREY RAL 7035

G	 mm	M	mm	PART. NO.	
Pg 7	19	5.0		8255.07	100
Pg 9	21	5.0		8255.09	100
Pg 11	24	5.0		8255.11	100
Pg 13	27	6.0		8255.13	100
Pg 16	30	6.0		8255.16	100
Pg 21	36	7.0		8255.21	50
Pg 29	46	8.0		8255.29	50
Pg 36	59	8.0		8255.36	25
Pg 42	65	8.0		8255.42	10
Pg 48	69	8.0		8255.48	10



BLACK RAL 9005

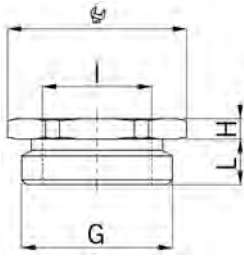
G	 mm	M	mm	PART. NO.	
Pg 7	19	5.0		8245.07	100
Pg 9	21	5.0		8245.09	100
Pg 11	24	5.0		8245.11	100
Pg 13	27	6.0		8245.13	100
Pg 16	30	6.0		8245.16	100
Pg 21	36	7.0		8245.21	50
Pg 29	46	8.0		8245.29	50
Pg 36	59	8.0		8245.36	25
Pg 42	65	8.0		8245.42	10
Pg 48	69	8.0		8245.48	10





REDUCTION & ENLARGING FITTINGS NICKEL-PLATED BRASS

HEXAGONAL REDUCTION FITTINGS



MATERIAL: NICKEL-PLATED BRASS
 O-RING: NBR
 TEMPERATURE RANGE: -40°C / +100°C
 PROTECTION CLASS: IP 68



OUTER THREAD METRIC / INNER THREAD METRIC / WITH O-RING

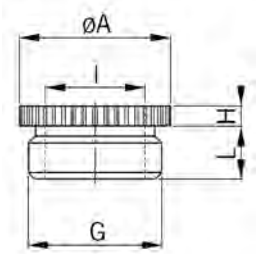
G	I	 mm	H mm	L mm	i info	PART. NO.	
M 8x1.25	M 6x1.0	11	8.0	5	1	3500.08.06	50
M10x1.5	M 6x1.0	13	3.0	5	1	3500.10.06	50
M10x1.5	M 8x1.25	13	8.0	5	1	3500.10.08	50
M12x1.5	M 8x1.25	15	3.0	5	1	3500.12.08	50
M12x1.5	M10x1.5	15	8.0	5	1	3500.12.10	50
M16x1.5	M10x1.5	18	3.0	5	1	3500.17.10	50
M16x1.5	M12x1.5	18	3.0	5	-	3500.17.12	50
M20x1.5	M12x1.5	24	3.0	6	-	3500.20.12	50
M20x1.5	M16x1.5	24	3.0	6	-	3500.20.17	50
M25x1.5	M16x1.5	30	3.5	7	-	3500.25.17	25
M25x1.5	M20x1.5	30	3.5	7	-	3500.25.20	25
M32x1.5	M20x1.5	36	4.0	8	-	3500.32.20	20
M32x1.5	M25x1.5	36	4.0	8	-	3500.32.25	20
M40x1.5	M25x1.5	46	4.5	8	-	3500.40.25	10
M40x1.5	M32x1.5	46	4.5	8	-	3500.40.32	10
M50x1.5	M32x1.5	55	5.0	9	-	3500.50.32	10
M50x1.5	M40x1.5	55	5.0	9	-	3500.50.40	10
M63x1.5	M40x1.5	70	5.5	10	-	3500.63.40	5
M63x1.5	M50x1.5	70	5.5	10	-	3500.63.50	5
M75x1.5	M50x1.5	80	6.0	11	-	3500.75.50	5
M75x1.5	M63x1.5	80	6.0	11	-	3500.75.63	5

1 = METRIC COARSE-PITCH THREAD

REDUCTION & ENLARGING FITTINGS NICKEL-PLATED BRASS

ROUND, KNURLED REDUCTION FITTINGS

MATERIAL: NICKEL-PLATED BRASS
 TEMPERATURE RANGE: -40°C / +200°C
 PROTECTION CLASS: IP 54
 PROTECTION TYPE ADDITION: IP 68, IF THE ENTRY THREAD IS SEALED



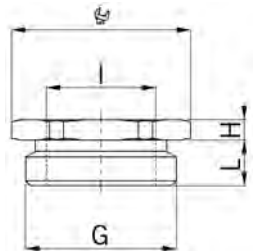
OUTER THREAD METRIC / INNER THREAD METRIC / WITHOUT O-RING

G	I	ØA mm	H mm	L mm	PART. NO.	
M16x1.5	M12x1.5	18	3	7	3545.17.12	100
M20x1.5	M12x1.5	22	3	8	3545.20.12	100
M20x1.5	M16x1.5	22	3	8	3545.20.17	100
M25x1.5	M16x1.5	27	3	8	3545.25.17	50
M25x1.5	M20x1.5	27	3	8	3545.25.20	50
M32x1.5	M20x1.5	34	4	9	3545.32.20	50
M32x1.5	M25x1.5	34	4	9	3545.32.25	50
M40x1.5	M25x1.5	42	4.5	9	3545.40.25	50
M40x1.5	M32x1.5	42	4.5	9	3545.40.32	25
M50x1.5	M32x1.5	52	4.5	10	3545.50.32	25
M50x1.5	M40x1.5	52	4.5	10	3545.50.40	10
M63x1.5	M40x1.5	65	5	11	3545.63.40	10
M63x1.5	M50x1.5	65	5	11	3545.63.50	10



HEXAGONAL REDUCTION FITTINGS

MATERIAL: NICKEL-PLATED BRASS
 O-RING: NBR
 TEMPERATURE RANGE: -40°C / +100°C
 PROTECTION CLASS: IP 68



OUTER THREAD METRIC / INNER THREAD METRIC / WITH O-RING

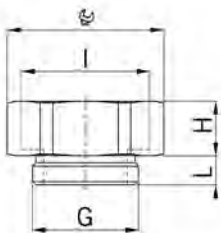
G	I	ØA mm	H mm	L mm	PART. NO.	
Pg 9	Pg 7	18	3.0	6.5	3509.07	50
Pg 11	Pg 7	20	3.0	6.5	3511.07	50
Pg 11	Pg 9	22	3.0	7.0	3511.09	50
Pg 13	Pg 7	24	3.0	7.0	3513.07	50
Pg 13	Pg 9	24	3.0	7.0	3513.09	50
Pg 13	Pg 11	24	3.0	7.0	3513.11	50
Pg 16	Pg 9	24	3.0	7.0	3516.09	50
Pg 16	Pg 11	24	3.0	7.0	3516.11	50
Pg 16	Pg 13	27	3.0	7.0	3516.13	50
Pg 21	Pg 11	32	3.5	7.5	3521.11	25
Pg 21	Pg 13	32	3.5	7.5	3521.13	25
Pg 21	Pg 16	32	3.5	7.5	3521.16	25
Pg 29	Pg 13	38	4.0	8.0	3529.13	10
Pg 29	Pg 16	38	4.0	8.0	3529.16	10
Pg 29	Pg 21	38	4.0	8.0	3529.21	10
Pg 36	Pg 21	50	4.5	8.5	3536.21	10
Pg 36	Pg 29	50	4.5	8.5	3536.29	10
Pg 42	Pg 29	60	4.0	11.0	3542.29	10
Pg 42	Pg 36	60	4.0	11.0	3542.36	10
Pg 48	Pg 36	65	4.0	11.0	3548.48.36	10





REDUCTION & ENLARGING FITTINGS NICKEL-PLATED BRASS

HEXAGONAL ENLARGING FITTINGS



MATERIAL: NICKEL-PLATED BRASS
O-RING: NBR
TEMPERATURE RANGE: -40°C / +100°C
PROTECTION CLASS: IP 68

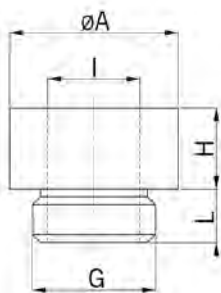


OUTER THREAD METRIC / INNER THREAD METRIC / WITH O-RING

G	I	 mm	H mm	L mm	i info	PART. NO.	
M 6x1.0	M 8x1.25	11	8.5	5	1	3600.06.08	50
M 6x1.0	M 10x1.5	13	8.5	5	1	3600.06.10	50
M 8x1.25	M 10x1.5	13	9	5	1	3600.08.10	50
M 8x1.25	M 12x1.5	15	9	5	1	3600.08.12	50
M 10x1.5	M 12x1.5	15	9	5	1	3600.10.12	50
M 10x1.5	M 16x1.5	18	9	5	1	3600.10.17	50
M 12x1.5	M 16x1.5	18	9	5	-	3600.12.17	50
M 12x1.5	M 20x1.5	24	10	5	-	3600.12.20	50
M 16x1.5	M 20x1.5	24	10	5	-	3600.17.20	50
M 20x1.5	M 25x1.5	30	11.5	6	-	3600.20.25	25
M 25x1.5	M 32x1.5	36	14	7	-	3600.25.32	25
M 32x1.5	M 40x1.5	46	14	8	-	3600.32.40	25
M 40x1.5	M 50x1.5	55	16	8	-	3600.40.50	10
M 50x1.5	M 63x1.5	70	17	9	-	3600.50.63	10
M 63x1.5	M 75x1.5	80	18	10	-	3600.63.75	10

1 = METRIC COARSE-PITCH THREAD

ROUND EXECUTION ENLARGING FITTINGS



MATERIAL: NICKEL-PLATED BRASS
TEMPERATURE RANGE: -40°C / +200°C
PROTECTION CLASS: IP 54
PROTECTION TYPE ADDITION: IP 68, IF THE ENTRY THREAD IS SEALED



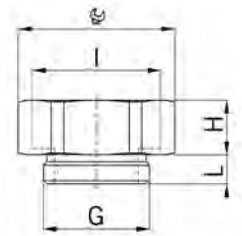
OUTER THREAD METRIC / INNER THREAD METRIC / WITHOUT O-RING

G	I	ØA mm	H mm	L mm	PART. NO.	
M 12x1.5	M 16x1.5	19	9.5	6.5	3645.12.17	100
M 16x1.5	M 20x1.5	22	10.5	7	3645.17.20	100
M 20x1.5	M 25x1.5	27	11	8	3645.20.25	100
M 25x1.5	M 32x1.5	34	12	8	3645.25.32	50
M 32x1.5	M 40x1.5	42	12	9	3645.32.40	50
M 40x1.5	M 50x1.5	53	14	9	3645.40.50	25
M 50x1.5	M 63x1.5	66	19	10	3645.50.63	25

REDUCTION & ENLARGING FITTINGS NICKEL-PLATED BRASS

HEXAGONAL ENLARGING FITTINGS

MATERIAL: NICKEL-PLATED BRASS
 O-RING: NBR
 TEMPERATURE RANGE: -40°C / +100°C
 PROTECTION CLASS: IP 68



OUTER THREAD METRIC / INNER THREAD METRIC / WITH O-RING

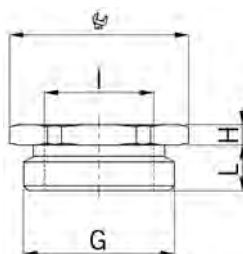
G	I	 mm	H mm	L mm	PART. NO.	
PG 7	PG 9	18	13	8	3607.09.08	50
PG 9	PG 11	22	15	8	3609.11.08	50
PG 9	PG 13	24	15	8	3609.13.08	50
PG 11	PG 13	24	15	8	3611.13.08	50
PG 11	PG 16	24	15	8	3611.16.08	50
PG 11	PG 21	32	16	8	3611.21.08	50
PG 13	PG 16	24	15	8	3613.16.08	50
PG 16	PG 21	32	16	8	3616.21.08	25
PG 16	PG 29	40	16	8	3616.29.08	25
PG 21	PG 29	40	16	8	3621.29.08	25
PG 29	PG 36	50	18	10	3629.36.08	20
PG 36	PG 42	60	19	12	3636.42.08	10
PG 36	PG 48	64	20	12	3636.48.48.08	10





ADAPTER NICKEL-PLATED BRASS

HEXAGONAL



MATERIAL: NICKEL-PLATED BRASS
O-RING: NBR
TEMPERATURE RANGE: -40°C / +100°C
PROTECTION CLASS: IP 68



OUTER THREAD METRIC / INNER THREAD PG / WITH O-RING

G	I	 mm	H mm	L mm	PART. NO.	
M16x1.5	PG 7	20	3.0	7	3500.17.07	50
M20x1.5	PG 7	24	3.0	7	3500.20.07	50
M20x1.5	PG 9	24	3.0	7	3500.20.09	50
M20x1.5	PG 11	24	13.0	7	3500.20.11	50
M25x1.5	PG 9	30	3.5	8	3500.25.09	50
M25x1.5	PG 11	30	3.5	8	3500.25.11	50
M25x1.5	PG 13	30	3.8	8	3500.25.13	50
M25x1.5	PG 16	30	15.0	8	3500.25.16	25
M32x1.5	PG 21	38	16.0	8	3500.32.21	25
M40x1.5	PG 29	45	16.0	8	3500.40.29	10
M50x1.5	PG 29	55	4.0	10	3500.50.29	10
M63x1.5	PG 36	70	5.5	11	3500.63.36	10



OUTER THREAD METRIC / INNER THREAD PG / WITH O-RING

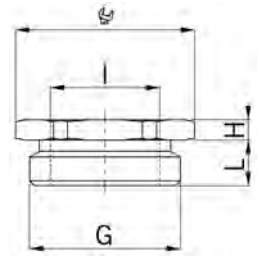
G	I	 mm	H mm	L mm	i info	PART. NO.	
M10x1.5	PG 7	16	12	6	1	3600.10.07	50
M10x1.5	PG 9	18	12	6	1	3600.10.09	50
M12x1.5	PG 9	18	12	7	-	3600.12.09	50
M16x1.5	PG 11	22	14	7	-	3600.17.11	50
M20x1.5	PG 13	24	15	7	-	3600.20.13	50
M20x1.5	PG 16	24	15	7	-	3600.20.16	50
M25x1.5	PG 21	32	16	8	-	3600.25.21	25
M32x1.5	PG 29	40	16	8	-	3600.32.29	25
M40x1.5	PG 36	50	18	8	-	3600.40.36	20
M50x1.5	PG 42	60	19	10	-	3600.50.42	10
M50x1.5	PG 48	64	20	10	-	3600.50.48	10

1 = METRIC COARSE-PITCH THREAD

ADAPTER NICKEL-PLATED BRASS

HEXAGONAL

MATERIAL: NICKEL-PLATED BRASS
O-RING: NBR
TEMPERATURE RANGE: -40°C / +100°C
PROTECTION CLASS: IP 68



OUTER THREAD PG / INNER THREAD METRIC / WITH O-RING

G	I	 mm	H mm	L mm	i info	PART. NO.	
PG 7	M 6x1.0	15	3.0	6	1	3500.07.06	50
PG 7	M 8x1.25	15	3.0	6	1	3500.07.08	50
PG 7	M 10x1.5	15	7.0	6	1	3500.07.10	50
PG 9	M 6x1.0	18	3.0	6	1	3500.09.06	50
PG 9	M 8x1.25	18	3.0	6	1	3500.09.08	50
PG 9	M 10x1.5	18	3.0	6	1	3500.09.10	50
PG 9	M 12x1.5	18	8.0	6	-	3500.09.12	50
PG 11	M 6x1.0	21	3.0	6	1	3500.11.06	50
PG 11	M 8x1.25	21	3.0	6	1	3500.11.08	50
PG 11	M 10x1.5	21	3.0	6	1	3500.11.10	50
PG 11	M 12x1.5	21	3.0	6	-	3500.11.12	50
PG 11	M 16x1.5	21	8.0	6	-	3500.11.17	50
PG 13	M 12x1.5	24	3.0	6	-	3500.13.12	50
PG 13	M 16x1.5	24	3.0	6	-	3500.13.17	50
PG 16	M 12x1.5	24	3.0	6	-	3500.16.12	25
PG 16	M 16x1.5	24	3.0	6	-	3500.16.17	25
PG 16	M 20x1.5	24	10.5	6	-	3500.16.20	25
PG 21	M 16x1.5	30	3.5	7.5	-	3500.21.17	25
PG 21	M 20x1.5	30	3.5	7.5	-	3500.21.20	25
PG 21	M 25x1.5	30	10.5	7.5	-	3500.21.25	25
PG 29	M 25x1.5	38	4.0	8	-	3500.29.25	20
PG 29	M 32x1.5	38	13.0	8	-	3500.29.32	20
PG 36	M 32x1.5	50	4.5	8	-	3500.36.32	10
PG 36	M 40x1.5	50	4.5	8	-	3500.36.40	10
PG 42	M 32x1.5	55	5.0	10	-	3500.42.32	10
PG 42	M 40x1.5	55	5.0	10	-	3500.42.40	10
PG 42	M 50x1.5	55	15.0	10	-	3500.42.50	10
PG 48	M 40x1.5	65	5.5	11	-	3500.48.40	5
PG 48	M 50x1.5	65	5.5	11	-	3500.48.50	5

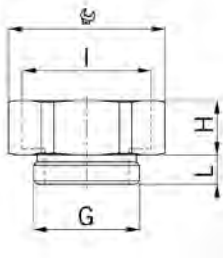


1 = METRIC COARSE-PITCH THREAD



ADAPTER NICKEL-PLATED BRASS

HEXAGONAL



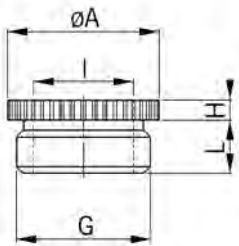
MATERIAL: NICKEL-PLATED BRASS
O-RING: NBR
TEMPERATURE RANGE: -40°C / +100°C
PROTECTION CLASS: IP 68



OUTER THREAD Pg / INNER THREAD METRIC / WITH O-RING

G	I	 mm	H mm	L mm	PART. NO.	
Pg 7	M12x1.5	15	9.0	6	3600.07.12	50
Pg 7	M16x1.5	18	9.0	6	3600.07.17	50
Pg 9	M16x1.5	18	9.5	6	3600.09.17	50
Pg 9	M20x1.5	24	10.5	6	3600.09.20	50
Pg 11	M20x1.5	24	10.5	6	3600.11.20	50
Pg 11	M25x1.5	30	11.5	6	3600.11.25	25
Pg 13	M20x1.5	24	10.5	6	3600.13.20	50
Pg 13	M25x1.5	30	11.5	6	3600.13.25	25
Pg 16	M25x1.5	30	11.5	6	3600.16.25	25
Pg 16	M32x1.5	36	13.5	6	3600.16.32	25
Pg 21	M32x1.5	36	14.0	7.5	3600.21.32	25
Pg 21	M40x1.5	46	14.0	7.5	3600.21.40	20
Pg 29	M40x1.5	46	14.0	8	3600.29.40	20
Pg 29	M50x1.5	55	16.0	8	3600.29.50	10
Pg 36	M50x1.5	55	16.0	8	3600.36.50	10
Pg 36	M63x1.5	70	17.0	8	3600.36.63	10
Pg 42	M63x1.5	70	17.0	10	3600.42.63	10
Pg 42	M75x1.5	80	18.0	10	3600.42.75	10
Pg 48	M63x1.5	70	17.0	11	3600.48.63	10
Pg 48	M75x1.5	80	18.0	11	3600.48.75	10

ROUND, KNURLED



MATERIAL: NICKEL-PLATED BRASS
TEMPERATURE RANGE: -40°C / +200°C
PROTECTION CLASS: IP 54
PROTECTION TYPE ADDITION: IP 68, IF THE ENTRY THREAD IS SEALED



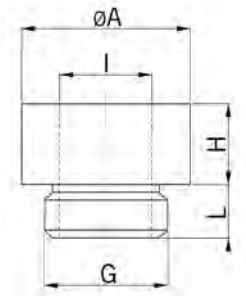
OUTER THREAD Pg / INNER THREAD METRIC / WITHOUT O-RING

G	I	ØA mm	H mm	L mm	PART. NO.	
Pg 11	M16x1.5	20	10	6	3545.11.17	50
Pg 16	M20x1.5	24	11	6	3545.16.20	50
Pg 21	M20x1.5	30	3.5	7.5	3545.21.20	50
Pg 21	M25x1.5	30	11	7.5	3545.21.25	50
Pg 29	M25x1.5	39	4	8	3545.29.25	25
Pg 29	M32x1.5	39	4	8	3545.29.32	25
Pg 36	M40x1.5	50	4.5	8	3545.36.40	10

ADAPTER NICKEL-PLATED BRASS

ROUND EXECUTION

MATERIAL: NICKEL-PLATED BRASS
 TEMPERATURE RANGE: -40°C / +200°C
 PROTECTION CLASS: IP 54
 PROTECTION TYPE ADDITION: IP 68, IF THE ENTRY THREAD IS SEALED



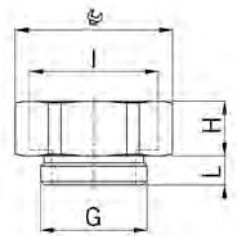
OUTER THREAD PG / INNER THREAD METRIC / WITHOUT O-RING

G	I	ØA mm	H mm	L mm	PART. NO.	
Pg 7	M12x1.5	14	9	6	3645.07.12	100
Pg 9	M16x1.5	19	9.5	6	3645.09.17	50
Pg 11	M20x1.5	22	11	6	3645.11.20	50
Pg 13	M20x1.5	22	11	6	3645.13.20	50
Pg 16	M25x1.5	27	11	6	3645.16.25	50
Pg 21	M32x1.5	34	12	7.5	3645.21.32	50
Pg 29	M40x1.5	42	12	8	3645.29.40	10



HEXAGONAL

MATERIAL: NICKEL-PLATED BRASS
 O-RING: NBR
 TEMPERATURE RANGE: -40°C / +100°C
 PROTECTION CLASS: IP 68



OUTER THREAD PG / INNER THREAD METRIC / WITH O-RING

G	I	 mm	H mm	L mm	PART. NO.	
Pg 13	G3/8"	24	3	7	35133/8G	50
Pg 16	G1/2"	24	14	10	36161/2G.08	50
Pg 21	G3/4"	32	14	12	36213/4G.08	25
Pg 36	G 2"	64	20	12	3636.48.08	10
Pg 42	G 2"	64	20	15	3642.48.08	10



OUTER THREAD GAS-PIPE / INNER THREAD PG / WITH O-RING

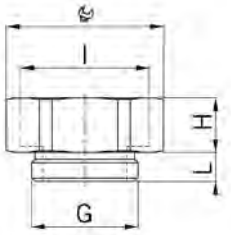
G	I	 mm	H mm	L mm	PART. NO.	
G3/8"	Pg 7	20	3	10	353/8G.07	50
G1/2"	Pg 9	24	3	9.5	351/2G.09	50
G3/4"	Pg 9	30	3.5	11	353/4G.09	50
G3/4"	Pg 11	30	3.5	11	353/4G.11	50
G3/4"	Pg 16	32	3.5	11	353/4G.16	50
G1"	Pg 21	38	3.5	11	351G.21	25
G1 1/4"	Pg 29	50	5	11	3511/4G.29	25
G2"	Pg 36	64	5	11	352G.36	10
G2"	Pg 42	64	5	11	3548.42	10





ADAPTER NICKEL-PLATED BRASS

HEXAGONAL

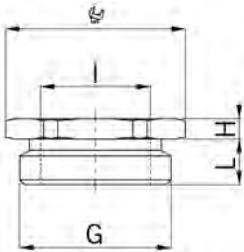


MATERIAL: NICKEL-PLATED BRASS
O-RING: NBR
TEMPERATURE RANGE: -40°C / +100°C
PROTECTION CLASS: IP 68



OUTER THREAD GAS-PIPE / INNER THREAD PG / WITH O-RING

G	I	 mm	H mm	L mm	PART. NO.	
G3/8"	PG 11	20	12	10	363/8G.11.08	50
G1/2"	PG 11	24	12	10	361/2G.11.08	50
G1/2"	PG 13	24	12	10	361/2G.13.08	50
G1/2"	PG 16	24	12	10	361/2G.16.08	50
G5/8"	PG 16	24	12	10	365/8G.16.08	50
G3/4"	PG 21	32	15	12	363/4G.21.08	25
G7/8"	PG 29	41	15	12	367/8G.29.08	25
G1"	PG 29	41	15	11	361G.29.08	25
G1 1/2"	PG 36	54	22	12	361 1/2G.36.08	10



MATERIAL: NICKEL-PLATED BRASS
TEMPERATURE RANGE: -40°C / +100°C
PROTECTION CLASS: IP 68, IF THE ENTRY THREAD IS SEALED



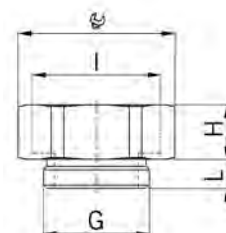
OUTER THREAD NPT / INNER THREAD PG / WITHOUT O-RING

G	I	 mm	H mm	L mm	PART. NO.	
NPT1/2"	PG 9	22	4.5	20	351/2NPT.09	50
NPT3/4"	PG 11	30	4	20	353/4NPT.11	10
NPT3/4"	PG 13	30	4	20	353/4NPT.13	10
NPT 1"	PG 16	36	6	26	351NPT.16	10

ADAPTER NICKEL-PLATED BRASS

HEXAGONAL

MATERIAL: NICKEL-PLATED BRASS
 O-RING: NBR
 TEMPERATURE RANGE: -40°C / +100°C
 PROTECTION CLASS: IP 68, IF THE ENTRY THREAD IS SEALED



OUTER THREAD NPT / INNER THREAD PG / WITHOUT O-RING

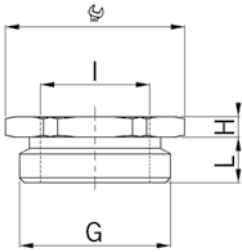
G	I	 mm	H mm	L mm	PART. NO.	
NPT1/2"	PG 11	24	12	20	361/2NPT.11	50
NPT1/2"	PG 13	24	14	20	361/2NPT.13	50
NPT1/2"	PG 16	34	20	20	361/2NPT.16	50
NPT3/4"	PG 21	32	14	20	363/4NPT.21	25





SYNTHETIC REDUCTION & ENLARGING FITTINGS

HEXAGONAL REDUCTION FITTINGS

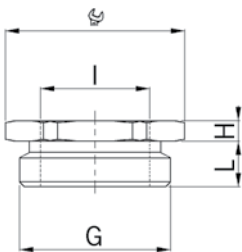


MATERIAL: POLYAMIDE PA 6
TEMPERATURE RANGE: -30°C / +100°C
PROTECTION CLASS: IP 54
PROTECTION TYPE ADDITION: IP 68, IF THE ENTRY THREAD IS SEALED



OUTER THREAD METRIC / INNER THREAD METRIC / LIGHT GREY RAL 7035

G	I	 mm	H mm	L mm	PART. NO.	
M16x1.5	M12x1.5	22	4	8	3455.17.12	100
M20x1.5	M12x1.5	24	4	8	3455.20.12	100
M20x1.5	M16x1.5	24	4	8	3455.20.17	100
M25x1.5	M12x1.5	29	6	8	3455.25.12	100
M25x1.5	M16x1.5	29	6	8	3455.25.17	100
M25x1.5	M20x1.5	29	6	8	3455.25.20	100
M32x1.5	M12x1.5	36	6	10	3455.32.12	50
M32x1.5	M16x1.5	36	6	10	3455.32.17	50
M32x1.5	M20x1.5	36	6	10	3455.32.20	50
M32x1.5	M25x1.5	36	6	10	3455.32.25	50
M40x1.5	M16x1.5	46	6	10	3455.40.17	50
M40x1.5	M20x1.5	46	6	10	3455.40.20	50
M40x1.5	M25x1.5	46	6	10	3455.40.25	25
M40x1.5	M32x1.5	46	6	10	3455.40.32	25
M50x1.5	M20x1.5	55	6	12	3455.50.20	5
M50x1.5	M25x1.5	55	6	12	3455.50.25	5
M50x1.5	M32x1.5	55	6	12	3455.50.32	5
M50x1.5	M40x1.5	55	6	12	3455.50.40	5
M63x1.5	M25x1.5	68	6	12	3455.63.25	5
M63x1.5	M32x1.5	68	6	12	3455.63.32	5
M63x1.5	M40x1.5	68	6	12	3455.63.40	5
M63x1.5	M50x1.5	68	6	12	3455.63.50	5



MATERIAL: POLYAMIDE GLASS FIBER REINFORCED
TEMPERATURE RANGE: -20°C / +100°C
PROTECTION CLASS: IP 54
PROTECTION TYPE ADDITION: IP 68, IF THE ENTRY THREAD IS SEALED



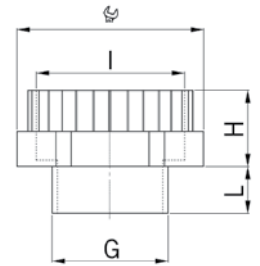
OUTER THREAD PG / INNER THREAD PG / LIGHT GREY

G	I	 mm	H mm	L mm	PART. NO.	
Pg 9	Pg 7	19	12	8	3409.07	50
Pg 11	Pg 7	22	3	8	3411.07	50
Pg 11	Pg 9	22	15	8	3411.09	50
Pg 13	Pg 9	24	3	9	3413.09	50
Pg 13	Pg 11	24	15	9	3413.11	50
Pg 16	Pg 9	27	5	9	3416.09	50
Pg 16	Pg 11	27	5	9	3416.11	50
Pg 16	Pg 13	27	17	10	3416.13	50
Pg 21	Pg 13	32	5	11	3421.13	25
Pg 21	Pg 16	32	5	11	3421.16	25
Pg 29	Pg 21	41	6	12	3429.21	10
Pg 36	Pg 29	50	6	14	3436.29	10

SYNTHETIC REDUCTION & ENLARGING FITTINGS

ROUND WITH HEXAGON ENLARGING FITTINGS

MATERIAL: POLYAMIDE PA 6
 TEMPERATURE RANGE: -30°C / +100°C
 PROTECTION CLASS: IP 54
 PROTECTION TYPE ADDITION: IP 68, IF THE ENTRY THREAD IS SEALED

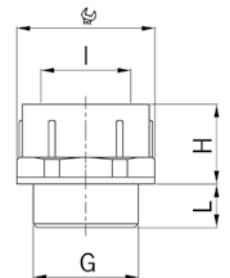


OUTER THREAD METRIC / INNER THREAD METRIC / LIGHT GREY RAL 7035

G	I		H	L	PART. NO.	
M12x1.5	M16x1.5	20	13	8	3755.12.17	100
M16x1.5	M20x1.5	24	13	8	3755.17.20	100
M20x1.5	M25x1.5	29	13	8	3755.20.25	100
M25x1.5	M32x1.5	36	15	8	3755.25.32	50
M32x1.5	M40x1.5	46	15	10	3755.32.40	25
M40x1.5	M50x1.5	55	15	10	3755.40.50	10
M50x1.5	M63x1.5	68	15	10	3755.50.63	10



MATERIAL: POLYAMIDE GLASS FIBER REINFORCED
 TEMPERATURE RANGE: -20°C / +100°C
 PROTECTION CLASS: IP 54, IP 68 IF THE THREAD IS SEALED



OUTER THREAD PG / INNER THREAD PG / LIGHT GREY

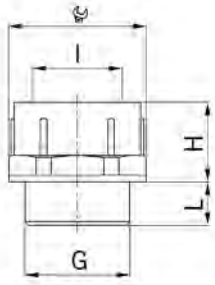
G	I		H	L	PART. NO.	
PG 7	PG 9	19	18	7	3707.09	50
PG 9	PG 11	22	19	7	3709.11	50
PG 11	PG 13	24	21	8	3711.13	50
PG 13	PG 16	27	23	9	3713.16	50
PG 16	PG 21	32	26	9	3716.21	25
PG 21	PG 29	41	33	10	3721.29	25
PG 29	PG 36	55	39	12	3729.36	10
PG 36	PG 42	60	46	14	3736.42	10
PG 42	PG 48	65	39	16	3742.48	10





SYNTHETIC ADAPTER

ROUND WITH HEXAGON



MATERIAL: POLYAMIDE GLASS FIBER REINFORCED
 TEMPERATURE RANGE: -20°C / +100°C
 PROTECTION CLASS: IP 54
 PROTECTION TYPE ADDITION: IP 68, IF THE ENTRY THREAD IS SEALED



OUTER THREAD METRIC / INNER THREAD PG / LIGHT GREY

G	I	 mm	H mm	L mm	PART. NO.	
M12x1.5	PG 9	19	13	11	3712.09	50
M20x1.5	PG 13	24	15	11	3720.13	50
M20x1.5	PG 16	27	17	11	3720.16	50
M25x1.5	PG 21	33	20	11	3725.21	25
M32x1.5	PG 29	42	22	11	3732.29	25
M50x1.5	PG 42	60	28	11	3750.42	10

HEXAGONAL



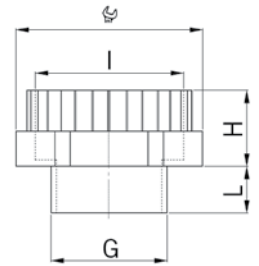
OUTER THREAD METRIC / INNER THREAD PG / LIGHT GREY

G	I	 mm	H mm	L mm	PART. NO.	
M16x1.5	PG 9	19	14	11	3417.09	50
M20x1.5	PG 11	22	16	11	3420.11	50
M25x1.5	PG 16	27	18	11	3425.16	50
M40x1.5	PG 29	42	23	11	3440.29	25
M50x1.5	PG 36	53	26	11	3450.36	10
M63x1.5	PG 48	65	29	11	3463.48	5

SYNTHETIC ADAPTER

ROUND WITH HEXAGON

MATERIAL: POLYAMIDE PA 6
 TEMPERATURE RANGE: -30°C / +100°C
 PROTECTION CLASS: IP 54
 PROTECTION TYPE ADDITION: IP 68, IF THE ENTRY THREAD IS SEALED



OUTER THREAD Pg / INNER THREAD METRIC / LIGHT GREY RAL 7035

G	I	 mm	H mm	L mm	PART. NO.	
Pg 7	M12x1.5	15	12	8	3755.07.12	100
Pg 7	M16x1.5	20	12	8	3755.07.17	100
Pg 9	M16x1.5	20	12	8	3755.09.17	100
Pg 9	M20x1.5	24	12	8	3755.09.20	100
Pg 11	M20x1.5	24	12	8	3755.11.20	100
Pg 13	M25x1.5	30	13	9	3755.13.25	100
Pg 16	M25x1.5	30	13	10	3755.16.25	50
Pg 21	M32x1.5	37	14	11	3755.21.32	50
Pg 29	M40x1.5	45	14	11	3755.29.40	50
Pg 42	M50x1.5	55	17	11	3755.42.50	10
Pg 48	M63x1.5	68	17	11	3755.48.63	5



OUTER THREAD Pg / INNER THREAD METRIC / LIGHT GREY RAL 7035

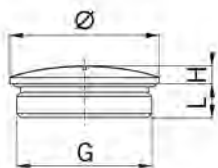
G	I	 mm	H mm	L mm	PART. NO.	
Pg 9	M12x1.5	19	12	8	3455.09.12	100
Pg 11	M16x1.5	22	12	8	3455.11.17	100
Pg 13	M16x1.5	24	13	9	3455.13.17	100
Pg 13	M20x1.5	24	13	9	3455.13.20	100
Pg 16	M20x1.5	27	13	10	3455.16.20	50
Pg 21	M25x1.5	33	14	11	3455.21.25	50
Pg 29	M32x1.5	42	14	11	3455.29.32	50
Pg 36	M40x1.5	55	14	11	3455.36.40	25





LOCKING PLUGS NICKEL-PLATED BRASS

SHORT ENTRY THREAD METRIC



MATERIAL: NICKEL-PLATED BRASS
O-RING: NBR
TEMPERATURE RANGE: -40°C / +100°C
PROTECTION CLASS: IP 68



ROUND EXECUTION / WITH O-RING

G	Ø mm	H mm	L mm	i info	PART. NO.	
M6x1.0	9	3	5	1	8706.08	50
M8x1.25	10	3	5	1	8708.08	50
M10x1.5	12	3	5	1	8710.08	50
M12x1.5	14	3	5	-	8712.08	50
M16x1.5	19	3	5	-	8717.08	50
M20x1.5	24	3	6	-	8720.08	25
M25x1.5	28	4	7	-	8725.08	25
M32x1.5	35	4	8	-	8732.08	10
M40x1.5	45	6	8	-	8740.08	10
M50x1.5	55	6	9	-	8750.08	10
M63x1.5	70	6	10	-	8763.08	10
M75x1.5	80	6	11	-	8775.08	5

1 = METRIC COARSE-PITCH THREAD

LONG ENTRY THREAD METRIC



ROUND EXECUTION / WITH O-RING

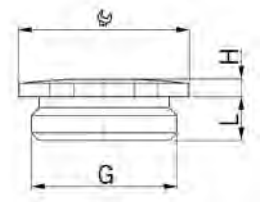
G	Ø mm	H mm	L mm	i info	PART. NO.	
M6x1.0	9	3	8	1	8706.11.08	50
M8x1.25	10	3	10	1	8708.11.08	50
M10x1.5	12	3	10	1	8710.11.08	50
M12x1.5	14	3	10	-	8712.11.08	50
M16x1.5	19	3	10	-	8717.11.08	50
M20x1.5	24	3	10	-	8720.11.08	25
M25x1.5	28	4	11	-	8725.11.08	25
M32x1.5	35	4	13	-	8732.11.08	10
M40x1.5	45	6	13	-	8740.11.08	10
M50x1.5	55	6	14	-	8750.11.08	10
M63x1.5	70	6	15	-	8763.11.08	10
M75x1.5	80	6	15	-	8775.11.08	5

1 = METRIC COARSE-PITCH THREAD

LOCKING PLUGS NICKEL-PLATED BRASS

SHORT ENTRY THREAD METRIC

MATERIAL: NICKEL-PLATED BRASS
 TEMPERATURE RANGE: -40°C / +200°C
 PROTECTION CLASS: IP 54
 PROTECTION TYPE ADDITION: IP 68, IF THE ENTRY THREAD IS SEALED



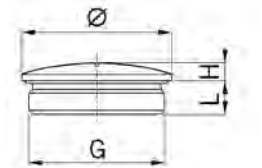
HEXAGONAL DESIGN / WITHOUT O-RING

G		H	L	PART. NO.	
mm	mm	mm	mm		
M12x1.5	14	2.5	5	8745.12	100
M16x1.5	18	2.5	5	8745.17	100
M20x1.5	22	2.5	6	8745.20	100
M25x1.5	27	3.0	7	8745.25	50
M32x1.5	34	3.5	8	8745.32	25
M40x1.5	42	4.0	8	8745.40	25
M50x1.5	52	4.0	9	8745.50	10
M63x1.5	65	4.0	10	8745.63	10



SHORT ENTRY THREAD PG

MATERIAL: NICKEL-PLATED BRASS
 O-RING: NBR
 TEMPERATURE RANGE: -40°C / +100°C
 PROTECTION CLASS: IP 68



ROUND EXECUTION / WITH O-RING

G	Ø	H	L	PART. NO.	
mm	mm	mm	mm		
Pg 7	14	3	5	8707.08	100
Pg 9	17	3	6	8709.08	100
Pg 11	20	3	6	8711.08	100
Pg 13	22	3	6.5	8713.08	50
Pg 16	24	3	6.5	8716.08	50
Pg 21	30	4	7	8721.08	10
Pg 29	39	4	8	8729.08	10
Pg 36	50	6	9	8736.08	10
Pg 42	60	6	10	8742.08	10
Pg 48	65	6	10	8748.48.08	10
G 2"	65	6	10	8748.08	10



LONG ENTRY THREAD PG

ROUND EXECUTION / WITH O-RING

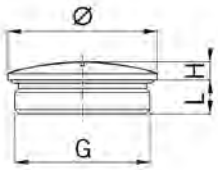
G	Ø	H	L	PART. NO.	
mm	mm	mm	mm		
Pg 7	14	3	10	8707.11.08	100
Pg 9	17	3	10	8709.11.08	100
Pg 11	20	3	10	8711.11.08	100
Pg 13	22	3	10	8713.11.08	50
Pg 16	24	3	10	8716.11.08	50
Pg 21	30	4	12	8721.11.08	10
Pg 29	39	4	12	8729.11.08	10
Pg 36	50	6	15	8736.11.08	10
G 2"	65	6	15	8748.11.08	10





LOCKING PLUGS STAINLESS STEEL A2

ROUND EXECUTION



MATERIAL: CRNI STAINLESS STEEL A2
(DIN EN 1.4305 / AISI 303)

O-RING : NBR

TEMPERATURE RANGE: -40°C / +100°C

PROTECTION CLASS: IP 68



SHORT ENTRY THREAD METRIC / WITH O-RING

G	Ø	H	L	i	PART. NO.	
mm	mm	mm	mm	info		
M10x1.5	12	3	5	1	8710.96.08.70	50
M12x1.5	14	3	5	-	8712.96.08.70	50
M16x1.5	19	3	5	-	8717.96.08.70	50
M20x1.5	24	3	6	-	8720.96.08.70	25
M25x1.5	28	4	7	-	8725.96.08.70	25
M32x1.5	35	4	8	-	8732.96.08.70	10
M40x1.5	45	6	8	-	8740.96.08.70	10
M50x1.5	55	6	9	-	8750.96.08.70	10
M63x1.5	70	6	10	-	8763.96.08.70	10
M75x1.5	80	6	11	-	8775.96.08.70	5

1 = METRIC COARSE-PITCH THREAD

AVAILABLE ON REQUEST:

ENTRY THREAD Pg



LONG ENTRY THREAD METRIC / WITH O-RING

G	Ø	H	L	i	PART. NO.	
mm	mm	mm	mm	info		
M10x1.5	12	3	10	1	8710.96.11.08.70	50
M12x1.5	14	3	10	-	8712.96.11.08.70	50
M16x1.5	19	3	10	-	8717.96.11.08.70	50
M20x1.5	24	3	10	-	8720.96.11.08.70	25
M25x1.5	28	4	11	-	8725.96.11.08.70	25
M32x1.5	35	4	13	-	8732.96.11.08.70	10
M40x1.5	45	6	13	-	8740.96.11.08.70	10
M50x1.5	55	6	14	-	8750.96.11.08.70	10
M63x1.5	70	6	15	-	8763.96.11.08.70	10
M75x1.5	80	6	15	-	8775.96.11.08.70	5

1 = METRIC COARSE-PITCH THREAD

AVAILABLE ON REQUEST:

ENTRY THREAD Pg

LOCKING PLUGS STAINLESS STEEL A2

FOR HIGH TEMPERATURE APPLICATIONS

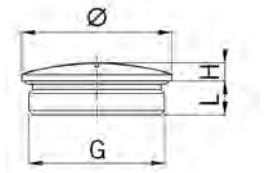
ROUND EXECUTION

MATERIAL: CRNI STAINLESS STEEL A2
(DIN EN 1.4305 / AISI 303)

O-RING: FPM

TEMPERATURE RANGE: -40°C / +200°C

PROTECTION CLASS: IP 68



SHORT ENTRY THREAD METRIC / WITH O-RING

G	Ø	H	L	i	PART. NO.	
mm	mm	mm	mm	info		
M10x1.5	12	3	5	1	8710.96.08	50
M12x1.5	14	3	5	-	8712.96.08	50
M16x1.5	19	3	5	-	8717.96.08	50
M20x1.5	24	3	6	-	8720.96.08	25
M25x1.5	28	4	7	-	8725.96.08	25
M32x1.5	35	4	8	-	8732.96.08	10
M40x1.5	45	6	8	-	8740.96.08	10
M50x1.5	55	6	9	-	8750.96.08	10
M63x1.5	70	6	10	-	8763.96.08	10
M75x1.5	80	6	11	-	8775.96.08	5



1 = METRIC COARSE-PITCH THREAD

AVAILABLE ON REQUEST:

ENTRY THREAD Pg

LONG ENTRY THREAD METRIC / WITH O-RING

G	Ø	H	L	i	PART. NO.	
mm	mm	mm	mm	info		
M10x1.5	12	3	10	1	8710.96.11.08	50
M12x1.5	14	3	10	-	8712.96.11.08	50
M16x1.5	19	3	10	-	8717.96.11.08	50
M20x1.5	24	3	10	-	8720.96.11.08	25
M25x1.5	28	4	11	-	8725.96.11.08	25
M32x1.5	35	4	13	-	8732.96.11.08	10
M40x1.5	45	6	13	-	8740.96.11.08	10
M50x1.5	55	6	14	-	8750.96.11.08	10
M63x1.5	70	6	15	-	8763.96.11.08	10
M75x1.5	80	6	15	-	8775.96.11.08	5



1 = METRIC COARSE-PITCH THREAD

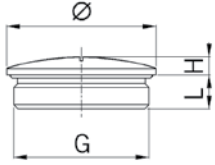
AVAILABLE ON REQUEST:

ENTRY THREAD Pg



SYNTHETIC LOCKING PLUGS

METRIC THREAD



MATERIAL: POLYAMIDE PA 6
TEMPERATURE RANGE: -30°C / +100°C
PROTECTION CLASS: IP 54
PROTECTION TYPE ADDITION: IP 68, IF THE ENTRY THREAD IS SEALED



LIGHT GREY RAL 7035 / WITHOUT O-RING

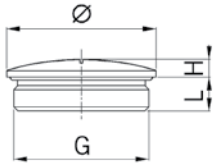
G	Ø mm	H mm	L mm	PART. NO.	
M12x1.5	15	4.5	6	8855.12	100
M16x1.5	20	4.5	6	8855.17	100
M20x1.5	24	4.5	6	8855.20	100
M25x1.5	30	5.0	8	8855.25	100
M32x1.5	37	5.5	8	8855.32	50
M40x1.5	46	6.0	8	8855.40	50
M50x1.5	56	6.0	10	8855.50	10
M63x1.5	70	6.0	12	8855.63	10



BLACK RAL 9005 / WITHOUT O-RING

G	Ø mm	H mm	L mm	PART. NO.	
M12x1.5	15	4.5	6	8845.12	100
M16x1.5	20	4.5	6	8845.17	100
M20x1.5	24	4.5	6	8845.20	100
M25x1.5	30	5.0	8	8845.25	100
M32x1.5	37	5.5	8	8845.32	50
M40x1.5	46	6.0	8	8845.40	50
M50x1.5	56	6.0	10	8845.50	10
M63x1.5	70	6.0	12	8845.63	10

ENTRY THREAD PG



MATERIAL: SHOCK-RESISTANT POLYSTYRENE
TEMPERATURE RANGE: -20°C / +80°C
PROTECTION CLASS: IP 54, IP 68 IF THE THREAD IS SEALED



LIGHT GREY RAL 7035 / WITHOUT O-RING

G	Ø mm	H mm	L mm	PART. NO.	
Pg 7	15	2.0	6.0	8807	100
Pg 9	19	3.0	6.5	8809	100
Pg 11	22	3.5	6.5	8811	100
Pg 13	25	3.5	6.5	8813	100
Pg 16	27	3.5	6.5	8816	100
Pg 21	33	4.0	8.0	8821	100
Pg 29	44	4.0	8.0	8829	50
Pg 36	55	4.0	10.0	8836	25
Pg 42	62	4.0	10.0	8842	10
Pg 48	69	4.0	12.0	8848.48	25

SOLID RUBBER SEALING INSERTS

SUITABLE FOR CABLE GLANDS PROGRESS®

MATERIAL: NBR
TEMPERATURE RANGE: -40°C / +100°C

SHORT SEALING INSERT WITHOUT DRILLED HOLE

G	 mm	PART. NO.	
M6	3.5	1000.06.30.03	1
M8	5.0	1000.08.30.03	1
M10	6.0	1000.10.30.03	1
Pg 11	12.0	1000.11.30.03	1
M12 / Pg 7	8.0	1000.12.30.03	1
M16 / Pg 9	10.5	1000.17.30.03	1
M20 / Pg 13 / Pg 16	15.0	1000.20.30.03	1
M25 / Pg 21	20.5	1000.25.30.03	1
Pg 29	27.5	1000.29.30.03	1
M32	25.5	1000.32.30.03	1
Pg 36	35.0	1000.36.30.03	1
M40	33.0	1000.40.30.03	1
Pg 48	49.0	1000.48.30.03	1
M50 / Pg 42	42.0	1000.50.30.03	1
M63	52.0	1000.63.30.03	1
M75	63.0	1000.75.30.03	1
M85	70.0	1000.085.30.03	1
M95	80.0	1000.095.30.03	1
M100	85.0	1000.100.30.03	1
M105	90.0	1000.105.30.03	1
M115	95.0	1000.115.30.03	1



TECHNICAL NOTE

WHEN FROZEN TO AT LEAST -25°C, THE SOLID SEALING INSERTS ARE EASY TO DRILL.

FOR HIGH-TEMPERATURE APPLICATIONS

MATERIAL: FPM
TEMPERATURE RANGE: -40°C / +200°C

SHORT SEALING INSERT WITHOUT DRILLED HOLE

G	 mm	PART. NO.	
M6	3.5	1000.06.98.30.03	1
M8	5.0	1000.08.98.30.03	1
M10	6.0	1000.10.98.30.03	1
Pg 11	12.0	1000.11.98.30.03	1
M12 / Pg 7	8.0	1000.12.98.30.03	1
M16 / Pg 9	10.5	1000.17.98.30.03	1
M20 / Pg 16	15.0	1000.20.98.30.03	1
M25 / Pg 21	20.5	1000.25.98.30.03	1
Pg 29	27.5	1000.29.98.30.03	1
M32	25.5	1000.32.98.30.03	1
Pg 36	35.0	1000.36.98.30.03	1
M40 / Pg 29	33.0	1000.40.98.30.03	1
Pg 48	49.0	1000.48.98.30.03	1
M50 / Pg 42	42.0	1000.50.98.30.03	1
M63	52.0	1000.63.98.30.03	1



TECHNICAL NOTE

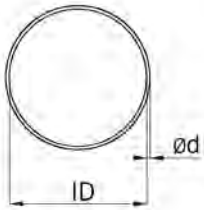
WHEN FROZEN TO AT LEAST -25°C, THE SOLID SEALING INSERTS ARE EASY TO DRILL.



O-RINGS & SEALING WASHERS

SUITABLE FOR CABLE GLANDS PROGRESS®

O-RINGS



MATERIAL: NBR
TEMPERATURE RANGE: -40°C / +100°C



SUITABLE FOR ENTRY THREAD METRIC OR PG

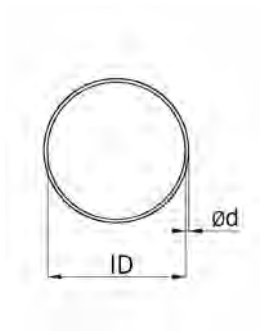
G	G	Øl mm	Ød mm	PART. NO.	
M 6	-	5.0	1.0	1005.00.08	1
M 8	-	6.0	1.5	1006.00.08	1
M10	-	8.1	1.6	1006.06.08	1
M12	PG 7	10.0	1.5	1007.00.08	1
M16	PG 9	13.1	1.6	1000.09.00.08	1
M20	-	17.0	2.0	2111.00.08	1
M25	-	22.0	2.0	1013.00.22.08	1
M32	-	30.0	2.0	1021.00.30.08	1
M40	-	36.0	2.0	1000.40.00.08	1
M50	-	46.0	2.0	1000.50.00.08	1
M63	-	60.0	2.0	1000.63.00.08	1
M75	-	72.0	2.0	1000.75.00.08	1
-	PG 11	15.0	2.0	1011.00.08	1
PG 13	PG 16	19.0	2.0	1016.00.08	1
-	PG 21	25.0	2.0	1016.00.25.08	1
-	PG 29	33.0	2.2	1029.00.08	1
-	PG 36	42.5	2.6	1036.00.08	1
-	PG 42	48.0	3.0	1000.42.00.08	1
-	PG 48	55.0	2.0	1000.48.00.08	1

O-RINGS & SEALING WASHERS

SUITABLE FOR CABLE GLANDS PROGRESS®

O-RINGS FOR HIGH TEMPERATURES

MATERIAL: FPM
TEMPERATURE RANGE: -40°C / +200°C



SUITABLE FOR ENTRY THREAD METRIC OR PG

G	G	Øl mm	Ød mm	PART. NO.	
M 6	-	5.0	1.0	1105.98.08	1
M 8	-	6.0	1.5	1106.98.08	1
M10	-	8.1	1.6	1106.06.98.08	1
M12	PG 7	10.0	1.5	1107.98.08	1
M16	PG 9	13.1	1.6	1100.09.98.08	1
M20	-	17.0	2.0	2111.98.08	1
M25	-	22.0	2.0	1113.98.22.08	1
M32	-	30.0	2.0	1121.98.30.08	1
M40	-	36.0	2.0	1100.40.98.08	1
M50	-	46.0	2.0	1100.50.98.08	1
M63	-	60.0	2.0	1100.63.98.08	1
M75	-	72.0	2.0	1100.75.98.08	1
-	PG 11	15.0	2.0	1111.98.08	1
PG 16	PG 13	18.0	2.0	1116.98.08	1
-	PG 21	25.0	2.0	1116.98.25.08	1
-	PG 29	33.0	1.8	1129.98.08	1
-	PG 36	42.5	2.6	1136.98.08	1
-	PG 42	48.0	3.0	1100.42.98.08	1
-	PG 48	55.0	2.0	1100.48.98.08	1

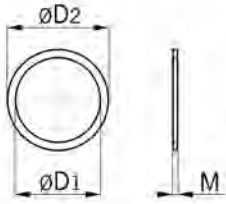




O-RINGS & SEALING WASHERS

SUITABLE FOR CABLE GLANDS PROGRESS®

SEALING WASHERS



MATERIAL: KLINGERSIL C-4300
TEMPERATURE RANGE: -40°C / +300°C
COLOR: GREEN



SUITABLE FOR METRIC ENTRY THREAD

G	ØD1 mm	ØD2 mm	M mm	PART. NO.	
M6	10.0	6.0	1.5	1006.00.16	1
M8	12.0	8.0	1.5	1008.00.16	1
M10	14.0	10.0	1.5	1010.00.16	1
M12	16.0	12.0	1.5	1012.00.16	1
M16	21.0	16.0	1.5	1017.00.16	1
M20 / Pg 13	25.0	20.5	1.5	1013.00.16	1
M25	31.0	25.0	2.0	1025.00.16	1
M32	39.0	32.0	2.0	1032.00.16	1
M40	48.0	40.0	2.0	1040.00.16	1
M50	59.0	50.0	2.0	1050.00.16	1
M63	73.0	63.0	2.0	1063.00.16	1



SUITABLE FOR ENTRY THREAD PG

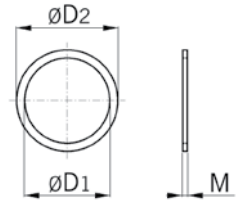
G	ØD1 mm	ØD2 mm	M mm	PART. NO.	
Pg 7	16.5	12.5	1.5	1007.00.16	1
Pg 9	19.0	15.2	1.5	1009.00.16	1
Pg 11	22.5	18.5	1.5	1011.00.16	1
M20 / Pg 13	25.0	20.5	1.5	1013.00.16	1
Pg 16	27.0	22.5	1.5	1016.00.16	1
Pg 21	33.5	28.5	2.0	1021.00.16	1
Pg 29	43.5	37.0	2.0	1029.00.16	1
Pg 36	55.0	47.0	2.0	1036.00.16	1
Pg 42	63.0	54.0	2.0	1042.00.16	1
Pg 48	69.0	59.3	2.0	1048.00.16	1

O-RINGS & SEALING WASHERS, BLIND DISCS

SUITABLE FOR CABLE GLANDS SYNTEC®

SEALING WASHERS

MATERIAL: PERBUNAN
TEMPERATURE RANGE: -20°C / +100°C



SUITABLE FOR METRIC ENTRY THREAD

G	ØD1 mm	ØD2 mm	M mm	PART. NO.	
M12	20	12	1.6	1012.45.16	50
M16	23	16	1.8	1017.45.16	50
M20	29	20	1.8	1020.45.16	50
M25	37	25	1.8	1025.45.16	50
M32	44	32	2.2	1032.45.16	25
M40	52	40	2.2	1040.45.16	25
M50	64	50	2.7	1050.45.16	25
M63	68	63	3.2	1063.45.16	10



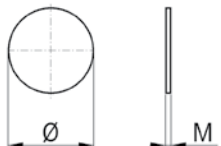
SUITABLE FOR ENTRY THREAD PG

G	ØD1 mm	ØD2 mm	M mm	PART. NO.	
Pg 7	16.0	11.5	2.0	1007.45.16	50
Pg 9	19.0	14.0	2.0	1009.45.16	50
Pg 11	22.5	18.5	2.0	1011.45.16	50
Pg 13	25.0	19.0	2.0	1013.45.16	50
Pg 16	27.0	21.0	2.0	1016.45.16	50
Pg 21	34.0	27.0	2.5	1021.45.16	25
Pg 29	43.0	35.0	2.5	1029.45.16	25
Pg 36	54.0	45.0	2.5	1036.45.16	25



BLIND DISCS SUITABLE FOR CABLE GLANDS

MATERIAL: POLYAMIDE
TEMPERATURE RANGE: -20°C / +100°C
APPLICATION: DUST STOPPER FOR CABLE GLANDS



BLIND DISC FOR DUST PROTECTION

G	Ø mm	M mm	PART. NO.	
M10 / M12 / Pg 7	10.5	0.3	1012.00.19	50
M16 / Pg 9	13.5	0.3	1017.00.19	50
M20 / Pg 11	16.5	0.3	1011.00.19	50
Pg 13 / Pg 16	20.5	0.3	1020.00.19	50
M25 / Pg 21	26.5	0.3	1025.00.19	50
Pg 29	35.0	0.3	1029.00.19	50
M32	30.0	0.3	1032.00.19	50
Pg 36	45.0	0.3	1036.00.19	50
M40	38.0	0.3	1040.00.19	50
M50 / Pg 42	52.0	0.3	1050.00.19	50
M63 / Pg 48	57.0	0.3	1063.00.19	50





CROSS REFERENCE

HEYCO - AGRO

HEYCO - PG THREAD TYPE

AGRO - PG THREAD TYPE

THREAD TYPE	HEYCO BLACK	HEYCO GREY	DIAMETER RANGE (MM)	DIAMETER RANGE (MM)	AGRO BLACK	AGRO GREY
PG7	3207	3208	2.3 - 6.4	2.5 - 6.5	1545.07.06	1555.07.06
PG7	3444	3445	2.0 - 4.	2.5 - 6.5	1545.07.06	1555.07.06
PG9	3210	3211	4.7 - 7.6	3.0 - 8.0	1545.09.08	1555.09.08
PG9	3446	3447	3.0 - 5.8	3.0 - 8.0	1545.09.08	1555.09.08
PG11	3213	3214	5.9 - 10.0	4.0 - 10.0	1545.11.10	1555.11.10
PG11	3448	3449	3.8 - 7.0	2.0 - 7.0	1545.11.07	1555.11.07
PG13	3216	3217	6.9 - 11.9	5.5 - 12.0	1545.13.12	1555.13.12
PG13	3450	3451	5.0 - 8.8	3.0 - 7.0	1545.13.07	1555.13.07
PG16	3219	3220	10.9 - 13.9	8.5 - 14.0	1545.16.14	1555.16.14
PG16	3452	3453	8.1 - 11.9	5.0 - 11.0	1545.16.11	1555.16.11
PG21	3222	3223	13.8 - 18.0	11.0 - 18.0	1545.21.18	1555.21.18
PG21	3454	3455	11.6 - 16.0	6.5 - 14.0	1545.21.14	1555.21.14
PG29	3225	3226	18.3 - 24.5	17.0 - 25.0	1545.29.25	1555.29.25
PG29	3456	3457	16.3 - 19.6	17.0 - 25.0	1545.29.25	1555.29.25
PG36	3204	N/A	22.0 - 32.0	22.0 - 33.0	1545.36.33	1555.36.33
PG36	3206	N/A	20.0 - 26.0	22.0 - 33.0	1545.36.33	1555.36.33
PG42	3212	N/A	32.0 - 38.0	28.0 - 38.0	1545.42.38	1545.42.38
PG42	3218	N/A	25.0 - 31.0	28.0 - 38.0	1545.42.38	1545.42.38
PG48	3281	N/A	37.0 - 44.0	32.0 - 44.0	1545.48.44	1545.48.44
PG48	3283	N/A	29.0 - 35.0	32.0 - 44.0	1545.48.44	1545.48.44

HEYCO - NPT THREAD TYPE

AGRO - NPT THREAD TYPE

THREAD TYPE	HEYCO BLACK	HEYCO GREY	DIAMETER RANGE (MM)	DIAMETER RANGE (MM)	AGRO BLACK	AGRO GREY
NPT 3/8	3228	3229	4.7 - 7.9	3.0 - 8.0	1545.N0375.08	1555.N0375.08
NPT 3/8	3458	3459	2.0 - 6.0	3.0 - 8.0	1545.N0375.08	1555.N0375.08
NPT 1/2	3231	3232	6.9 - 11.8	5.5 - 12.0	1545.N0500.12	1555.N0500.12
NPT 1/2	3224	3236	5.0 - 8.8	3.0 - 7.0	1545.N0500.07	1555.N0500.07
NPT 3/4	3234	3235	13.8 - 18.0	11.0 - 18.0	1545.N0750.18	1555.N0750.18
NPT 3/4	3460	3461	11.5 - 16.0	6.5 - 14.0	1545.N0750.14	1555.N0750.14
NPT 1	8437	8438	18.0 - 25.4	17.0 - 22.0	1545.N1000.22	1555.N1000.22
NPT 1	8439	8440	12.0 - 19.5	17.0 - 22.0	1545.N1000.22	1555.N1000.22

HEYCO - STRAIN RELIEF

AGRO - STRAIN RELIEF

THREAD TYPE	HEYCO BLACK	HEYCO GREY	DIAMETER RANGE (MM)	DIAMETER RANGE (MM)	AGRO GREY	AGRO BLACK
PG7	3237	3228	2.3 - 6.4	2.5 - 6.5	1576.07.06	1546.07.06
PG7	3464	3464	2.0 - 4.6	2.5 - 6.5	1576.07.06	1546.07.06
PG9	3240	3241	4.7 - 7.6	3.0 - 8.0	1576.09.08	1546.09.08
PG9	3466	3467	3.0 - 5.8	3.0 - 8.0	1576.09.08	1546.09.08
PG11	3243	3244	5.9 - 10.0	4.0 - 10.0	1576.11.10	1546.11.10
PG11	3468	3469	3.8 - 7.0	2.0 - 7.0	1576.11.07	1546.11.07
PG13	3246	3247	6.9 - 11.9	5.5 - 12.0	1576.13.12	1546.13.12
PG13	3470	3471	5.0 - 8.8	3.0 - 7.0	1576.13.07	1546.13.07
PG16	3249	3250	10.9 - 13.9	8.5 - 14.0	1576.16.14	1546.16.14
PG16	3472	3473	8.1 - 11.9	5.0 - 11.0	1576.16.11	1546.16.11

CROSS REFERENCE

OLFLEX - AGRO

OLFLEX - PG THREAD TYPE				AGRO - PG THREAD TYPE		
THREAD TYPE	OLFLEX BLACK	OLFLEX GREY	DIAMETER RANGE (MM)	DIAMETER RANGE (MM)	AGRO BLACK	AGRO GREY
PG7	S2207	S1207	2.0 - 5.0	2.5 - 6.5	1545.07.06	1555.07.06
PG7	S2107	S1107	3.0 - 6.5	2.5 - 6.5	1545.07.06	1555.07.06
PG9	S2209	S1209	2.0 - 6.0	3.0 - 8.0	1545.09.08	1555.09.08
PG9	S2109	S1109	4.0 - 8.0	3.0 - 8.0	1545.09.08	1555.09.08
PG11	S2211	S1211	4.0 - 7.0	2.0 - 7.0	1545.11.07	1555.11.07
PG11	S2111	S1111	5.1 - 10.0	4.0 - 10.0	1545.11.10	1555.11.10
PG13	S2213	S1213	8.7 - 9.0	3.0 - 7.0	1545.13.07	1555.13.07
PG13	S2113	S1113	6.0 - 12.0	5.5 - 12.0	1545.13.12	1555.13.12
PG16	S2216	S1216	10.7 - 12.2	5.0 - 11.0	1545.16.11	1555.16.11
PG16	S2116	S1116	10.0 - 14.0	8.5 - 14.0	1545.16.14	1555.16.14
PG21	S2221	S1221	12.2 - 15.7	6.5 - 14.0	1545.21.14	1555.21.14
PG21	S2121	S1121	13.8 - 18.0	11.0 - 18.0	1545.21.18	1555.21.18
PG29	S2229	S1229	13.0 - 20.0	17.0 - 25.0	1545.29.25	1555.29.25
PG29	S2129	S1129	18.0 - 25.0	17.0 - 25.0	1545.29.25	1555.29.25
PG36	S2236	S1236	20.0 - 26.0	22.0 - 33.0	1545.36.33	1555.36.33
PG36	S2136	S1136	22.0 - 32.0	22.0 - 33.0	1545.36.33	1555.36.33
PG42	S2242	S1242	25.0 - 31.0	28.0 - 38.0	1545.42.38	1555.42.38
PG42	S2142	S1142	32.0 - 38.0	28.0 - 38.0	1545.42.38	1555.42.38
PG48	S2248	S1248	29.0 - 35.0	32.0 - 44.0	1545.48.44	1555.48.44
PG48	S2148	S1148	37.0 - 44.0	32.0 - 44.0	1545.48.44	1555.48.44

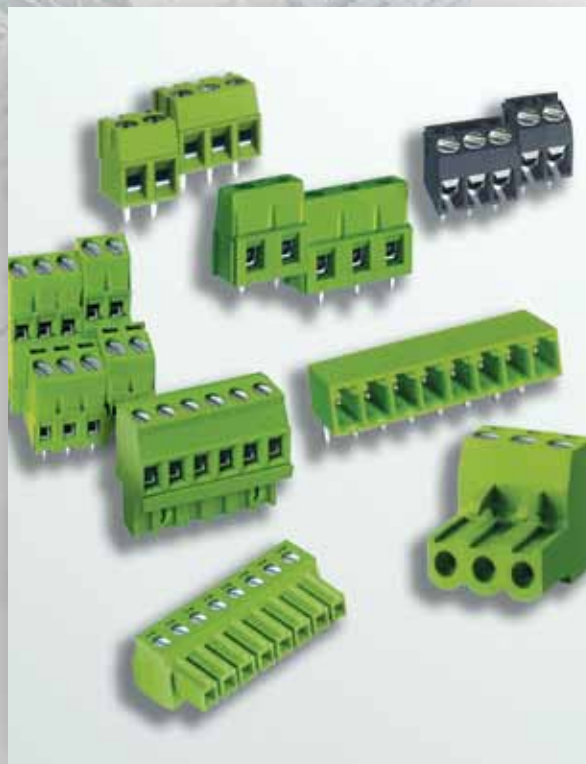
OLFLEX - NPT THREAD TYPE				AGRO - NPT THREAD TYPE		
THREAD TYPE	OLFLEX BLACK	OLFLEX GREY	DIAMETER RANGE (MM)	DIAMETER RANGE (MM)	AGRO BLACK	AGRO GREY
NPT 3/8	S2238	S1238	2.0 - 6.0	3.0 - 8.0	1545.N0375.08	1555.N0375.08
NPT 3/8	S2138	S1138	4.0 - 8.0	3.0 - 8.0	1545.N0375.08	1555.N0375.08
NPT 1/2	S2212	S1212	8.7 - 9.0	3.0 - 7.0	1545.N0500.07	1555.N0500.07
NPT 1/2	S2112	S1112	6.0 - 12.0	5.5 - 12.0	1545.N0500.12	1555.N0500.12
NPT 3/4	S2234	S1234	12.2 - 15.7	6.5 - 14.0	1545.N0750.14	1555.N0750.14
NPT 3/4	S2134	S1134	13.8 - 18.0	11.0 - 18.0	1545.N0750.18	1555.N0750.18
NPT 1	S2201	S1201	14.0 - 21.0	17.0 - 22.0	1545.N1000.22	1555.N1000.22
NPT 1	S2101	S1101	18.0 - 26.0	17.0 - 22.0	1545.N1000.22	1555.N1000.22

OLFLEX - STRAIN RELIEF				AGRO - STRAIN RELIEF		
THREAD TYPE	OLFLEX BLACK	OLFLEX GREY	DIAMETER RANGE (MM)	DIAMETER RANGE (MM)	AGRO GREY	AGRO BLACK
PG7	S2407	S1407	2.0 - 5.0	2.5 - 6.5	1576.07.06	1546.07.06
PG7	S2307	S1307	3.0 - 6.5	2.5 - 6.5	1576.07.06	1546.07.06
PG9	S2409	S1409	2.0 - 6.0	3.0 - 8.0	1576.09.08	1546.09.08
PG9	S2309	S1309	4.0 - 8.0	3.0 - 8.0	1576.09.08	1546.09.08
PG11	S2411	S1411	4.0 - 7.0	2.0 - 7.0	1576.11.07	1546.11.07
PG11	S2311	S1311	5.1 - 10.0	4.0 - 10.0	1576.11.10	1546.11.10
PG13	S2413	S1413	8.7 - 9.0	3.0 - 7.0	1576.13.07	1546.13.07
PG13	S2313	S1313	6.0 - 12.0	5.5 - 12.0	1576.13.12	1546.13.12
PG16	S2416	S1416	10.7 - 12.2	5.0 - 11.0	1576.16.11	1546.16.11
PG16	S2316	S1316	10.0 - 14.0	8.5 - 14.0	1576.16.14	1546.16.14



PRINTED CIRCUIT BOARD TERMINAL BLOCKS & CONNECTORS

AEI OFFERS SINGLE AND DUAL LEVEL TERMINAL BLOCKS FOR PRINTED CIRCUIT BOARDS ON 3.5MM, 5.0MM, .08MM, 7.5MM AND 7.62MM IN MODULAR 2 OR 3 POLE DESIGNS. CONNECTORS ARE OFFERED FROM 3.50MM, 3.81MM, 5.00MM AND 5.08MM VERSIONS IN 90° AND 180° CONFIGURATION UP TO 24 POLES.



PRINTED CIRCUIT BOARD

TERMINAL BLOCKS

SINGLE LEVEL • 90° • PITCH: 3.50 MM

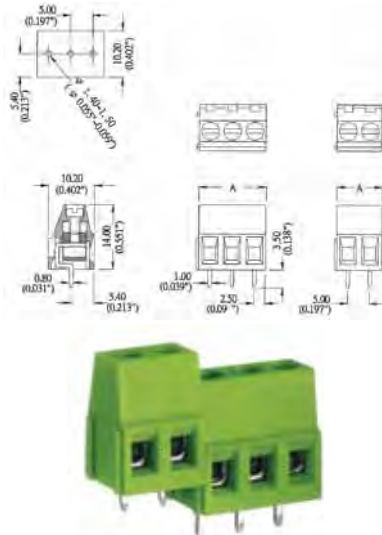


TECHNICAL

TERMINAL:	BRASS, TIN PLATED
WIRE PROTECTOR:	STAINLESS STRIP STEEL
INSULATING BODY:	POLYESTER
SCREW:	M2.0, STEEL, CHROMATIZED
COLOR:	BLACK
OPERATION TEMPERATURE:	-33°C TO +105°C
SHORT-TIME TEMPERATURE:	UP TO 200°C (+392°F)
CURRENT RATING:	6 AMP AC300V
INSULATION WITHSTANDING VOLT:	AC1500V MIN
INSULATION RESISTANCE:	>5000Ω AT DC500V
PCB HOLE DIAMETER:	φ 1.4 MM
WIRE STRIP LENGTH:	4MM - 5MM
WIRE RANGE:	16 - 26 AWG
SCREWS TORQUE:	2.5 LB-INCH

ITEM NO.	POLES	A (MM)	A (INCH)
T-212-350M2	2	7.00	0.276
T-212-350M3	3	10.50	0.413

SINGLE LEVEL • 90° • PITCH: 5.00 MM

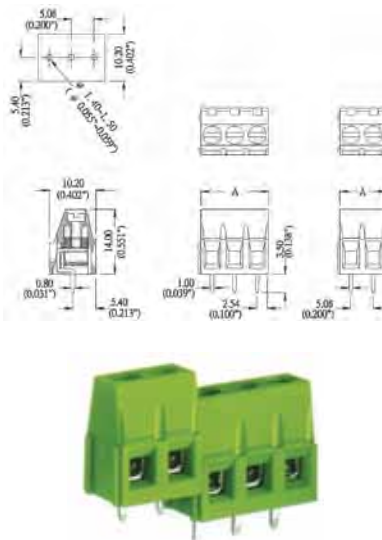


TECHNICAL

CAGE CLAMP:	BRASS, NI PLATED
TERMINAL:	BRASS, TIN PLATED, 0.8T
INSULATING BODY:	POLYAMIDE66 (UL94V-0)
SCREW:	M2.6, STEEL, NI PLATED
COLOR:	GREEN
OPERATION TEMPERATURE:	-55°C TO +105°C
SHORT-TIME TEMPERATURE:	UP TO 250°C (+482°F)
CURRENT RATING:	16 AMP AC300V
INSULATION WITHSTANDING VOLT:	AC2000V MIN
INSULATION RESISTANCE:	>5000Ω AT DC500V
PCB HOLE DIAMETER:	φ 1.4 MM - φ 1.5 MM
WIRE STRIP LENGTH:	4MM - 5MM
WIRE RANGE:	14 - 24 AWG
SCREWS TORQUE:	5.0 LB-INCH

ITEM NO.	POLES	A (MM)	A (INCH)
T-312-500M2	2	10.00	0.394
T-312-500M3	3	15.00	0.591

SINGLE LEVEL • 90° • PITCH: 5.08 MM



TECHNICAL

TERMINAL:	BRASS, NI PLATED
WIRE PROTECTOR:	BRASS, TIN PLATED, 0.8T
INSULATING BODY:	POLYAMIDE66 (UL94V-0)
SCREW:	M2.6, STEEL, NI PLATED
COLOR:	GREEN
OPERATION TEMPERATURE:	-55°C TO +105°C
SHORT-TIME TEMPERATURE:	UP TO 250°C (+482°F)
CURRENT RATING:	16 AMP AC300V
INSULATION WITHSTANDING VOLT:	AC2000V MIN
INSULATION RESISTANCE:	>5000Ω AT DC500V
PCB HOLE DIAMETER:	φ 1.4 MM - φ 1.5 MM
WIRE STRIP LENGTH:	4MM - 5MM
WIRE RANGE:	14 - 24 AWG
SCREWS TORQUE:	5.0 LB-INCH

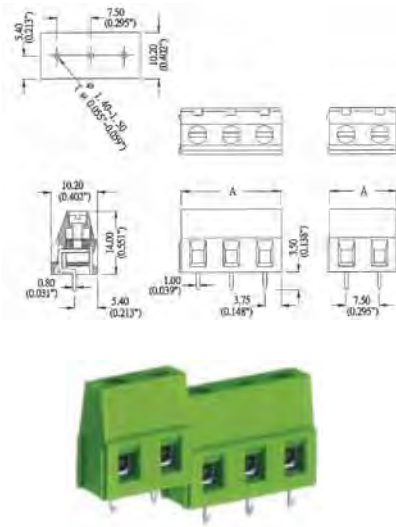
ITEM NO.	POLES	A (MM)	A (INCH)
T-312-508M2	2	10.16	0.400
T-312-508M3	3	15.24	0.600



PRINTED CIRCUIT BOARD

TERMINAL BLOCKS

SINGLE LEVEL • 90° • PITCH: 7.50 MM

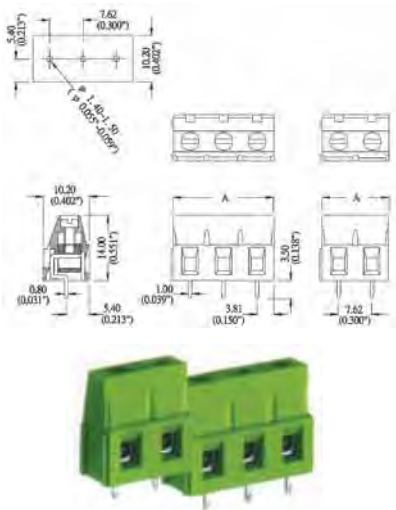


TECHNICAL

CAGE CLAMP:	BRASS, NI PLATED
TERMINAL:	BRASS, TIN PLATED, 0.8T
INSULATING BODY:	POLYAMIDE66 (UL94V-0)
SCREW:	M2.6, STEEL, NI PLATED
COLOR:	GREEN
OPERATION TEMPERATURE:	-55°C TO +105°C
SHORT-TIME TEMPERATURE:	UP TO 250°C (+482°F)
CURRENT RATING:	16 AMP AC300V
INSULATION WITHSTANDING VOLT:	AC2000V MIN
INSULATION RESISTANCE:	>5000Ω AT DC500V
PCB HOLE DIAMETER:	φ 1.4 MM - φ 1.5 MM
WIRE STRIP LENGTH:	4MM - 5MM
WIRE RANGE:	14 - 24 AWG
SCREWS TORQUE:	5.0 LB-INCH

ITEM NO.	POLES	A (MM)	A (INCH)
T-312-750M2	2	15.00	0.591
T-312-750M3	3	22.50	0.886

SINGLE LEVEL • 90° • PITCH: 7.62 MM

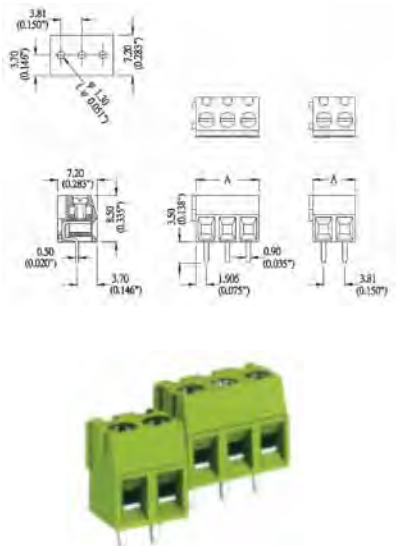


TECHNICAL

CAGE CLAMP:	BRASS, NI PLATED
TERMINAL:	BRASS, TIN PLATED, 0.8T
INSULATING BODY:	POLYAMIDE66 (UL94V-0)
SCREW:	M2.6, STEEL, NI PLATED
COLOR:	GREEN
OPERATION TEMPERATURE:	-55°C TO +105°C
SHORT-TIME TEMPERATURE:	UP TO 250°C (+482°F)
CURRENT RATING:	16 AMP AC300V
INSULATION WITHSTANDING VOLT:	AC2000V MIN
INSULATION RESISTANCE:	>5000Ω AT DC500V
PCB HOLE DIAMETER:	φ 1.4 MM - φ 1.5 MM
WIRE STRIP LENGTH:	4MM - 5MM
WIRE RANGE:	14 - 24 AWG
SCREWS TORQUE:	5.0 LB-INCH

ITEM NO.	POLES	A (MM)	A (INCH)
T-312-762M2	2	15.24	0.600
T-312-762M3	3	22.86	0.900

SINGLE LEVEL • 90° • PITCH: 3.81 MM



TECHNICAL

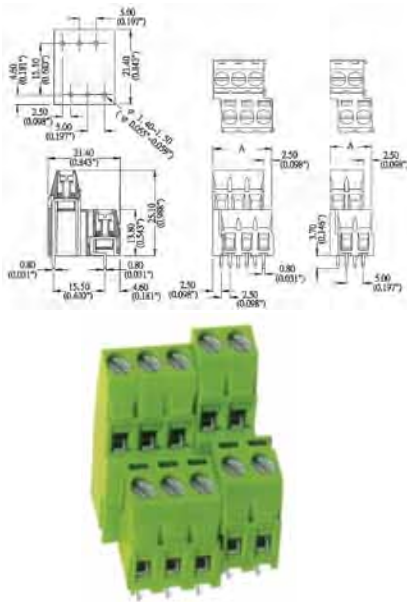
CAGE CLAMP:	BRASS, NI PLATED
TERMINAL:	BRASS, TIN PLATED, 0.5T
INSULATING BODY:	POLYAMIDE66 (UL94V-0)
SCREW:	M2.0, STEEL, NI PLATED
COLOR:	GREEN
OPERATION TEMPERATURE:	-55°C TO +105°C
SHORT-TIME TEMPERATURE:	UP TO 200°C (+392°F)
CURRENT RATING:	8 AMP AC300V
INSULATION WITHSTANDING VOLT:	AC2000V MIN
INSULATION RESISTANCE:	>5000Ω AT DC500V
PCB HOLE DIAMETER:	φ 1.3
WIRE STRIP LENGTH:	4MM - 5MM
WIRE RANGE:	16 - 26 AWG
SCREWS TORQUE:	2.5 LB-INCH

ITEM NO.	POLES	A (MM)	A (INCH)
T-332-381M2	2	7.62	0.300
T-332-381M3	3	11.43	0.450

PRINTED CIRCUIT BOARD

TERMINAL BLOCKS

DOUBLE LEVEL • 90° • PITCH: 5.00 MM

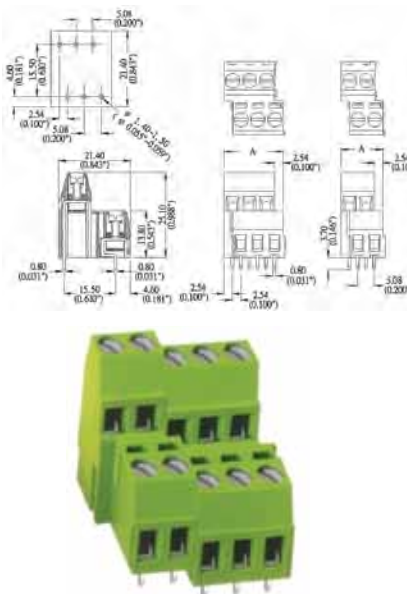


TECHNICAL

CAGE CLAMP:	BRASS, NI PLATED
TERMINAL:	BRASS, TIN PLATED, 0.8T
INSULATING	BODY: POLYAMIDE66 (UL94V-0)
SCREW:	M2.6, STEEL, NI PLATED
COLOR:	GREEN
OPERATION TEMPERATURE:	-55°C TO +105°C
SHORT-TIME TEMPERATURE:	UP TO 250°C (+482°F)
CURRENT RATING:	16 AMP AC300V
INSULATION WITHSTANDING VOLT:	AC2000V MIN
INSULATION RESISTANCE:	>5000Ω AT DC500V
PCB HOLE DIAMETER:	φ 1.4 MM - φ 1.5 MM
WIRE STRIP LENGTH:	4MM - 5MM
WIRE RANGE:	14 - 24 AWG
SCREWS TORQUE:	4.5 LB-INCH

ITEM NO.	POLES	A (MM)	A (INCH)
T-362-500M2	2	12.50	0.492
T-362-500M3	3	17.50	0.689

DOUBLE LEVEL • 90° • PITCH: 5.08 MM



TECHNICAL

CAGE CLAMP:	BRASS, NI PLATED
TERMINAL:	BRASS, TIN PLATED, 0.8T
INSULATING BODY:	POLYAMIDE66 (UL94V-0)
SCREW:	M2.6, STEEL, NI PLATED
COLOR:	GREEN
OPERATION TEMPERATURE:	-55°C TO +105°C
SHORT-TIME TEMPERATURE:	UP TO 250°C (+482°F)
CURRENT RATING:	16 AMP AC300V
INSULATION WITHSTANDING VOLT:	AC2000V MIN
INSULATION RESISTANCE:	>5000Ω AT DC500V
PCB HOLE DIAMETER:	φ 1.4 MM - φ 1.5 MM
WIRE STRIP LENGTH:	4MM - 5MM
WIRE RANGE:	14 - 24 AWG
SCREWS TORQUE:	4.5 LB-INCH

ITEM NO.	POLES	A (MM)	A (INCH)
T-362-508M2	2	12.70	0.500
T-362-508M3	3	17.78	0.700



PRINTED CIRCUIT BOARD

PLUGS

PLUGS • 180°

TECHNICAL

CAGE CLAMP:	BRASS, NI PLATED
CONTACT:	PHOSPHOR BRONZE, TIN PLATED, 0.4T
INSULATING BODY:	POLYAMIDE66 (UL94V-0)
SCREW:	M3.0, STEEL, ZINC PLATED
COLOR:	GREEN
OPERATION TEMPERATURE:	-55°C TO +105°C
SHORT-TIME TEMPERATURE:	UP TO 250°C (+482°F)
CURRENT RATING:	16 AMP AC300V
INSULATION WITHSTANDING VOLT:	AC2000V MIN
INSULATION RESISTANCE:	>5000Ω AT DC500V
WIRE STRIP LENGTH:	4 MM - 5 MM
WIRE RANGE:	14 - 24 AWG
SCREWS TORQUE:	4.5 LB-INCH

PITCH: 5.00 MM

ITEM No.	POLES	A (MM)	A (INCH)	ITEM No.	POLES	A (MM)	A (INCH)
P-100-50002	2	10.00	0.394	P-100-50009	9	45.00	1.772
P-100-50003	3	15.00	0.591	P-100-50010	10	50.00	1.969
P-100-50004	4	20.00	0.787	P-100-50011	11	55.00	2.165
P-100-50005	5	25.00	0.984	P-100-50012	12	60.00	2.362
P-100-50006	6	30.00	1.181				
P-100-50007	7	35.00	1.378	P-100-50024	24	120.00	4.724
P-100-50008	8	40.00	1.575				

PITCH: 5.08 MM

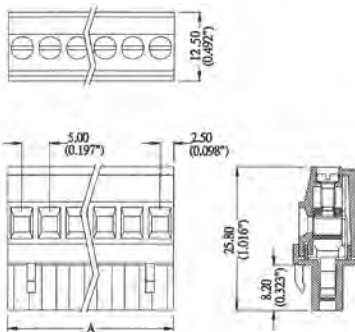
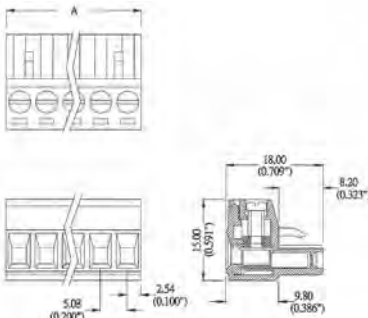
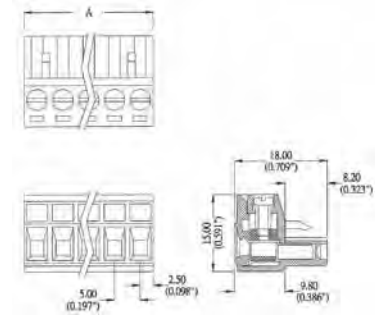
ITEM No.	POLES	A (MM)	A (INCH)	ITEM No.	POLES	A (MM)	A (INCH)
P-100-50802	2	10.16	0.400	P-100-50809	9	45.72	1.800
P-100-50803	3	15.24	0.600	P-100-50810	10	50.80	2.000
P-100-50804	4	20.32	0.800	P-100-50811	11	55.88	2.200
P-100-50805	5	25.40	1.000	P-100-50812	12	60.96	2.400
P-100-50806	6	30.48	1.200				
P-100-50807	7	35.56	1.400	P-100-50824	24	121.92	4.800
P-100-50808	8	40.64	1.600				

PLUGS • 90° • PITCH: 5.00 MM

TECHNICAL

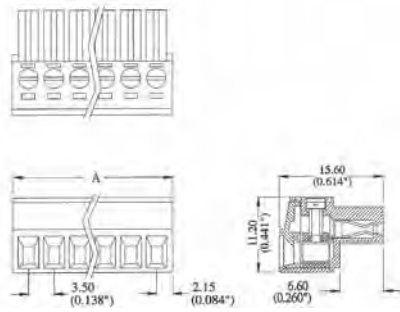
CAGE CLAMP:	BRASS, NI PLATED
CONTACT:	PHOSPHOR BRONZE, TIN PLATED, 0.4T
INSULATING BODY:	POLYAMIDE66 (UL94V-0)
SCREW:	M2.6, STEEL, ZINC PLATED
COLOR:	GREEN
OPERATION TEMPERATURE:	-55°C TO +105°C
SHORT-TIME TEMPERATURE:	UP TO 250°C (+482°F)
CURRENT RATING:	16 AMP AC300V
INSULATION WITHSTANDING VOLT:	AC2000V MIN
INSULATION RESISTANCE:	>5000Ω AT DC500V
WIRE STRIP LENGTH:	7 MM
WIRE RANGE:	14 - 24 AWG
SCREWS TORQUE:	4.5 LB-INCH

ITEM No.	POLES	A (MM)	A (INCH)	ITEM No.	POLES	A (MM)	A (INCH)
P-200-50002	2	10.00	0.394	P-200-50009	9	45.00	1.772
P-200-50003	3	15.00	0.591	P-200-50010	10	50.00	1.969
P-200-50004	4	20.00	0.787	P-200-50011	11	55.00	2.165
P-200-50005	5	25.00	0.984	P-200-50012	12	60.00	2.362
P-200-50006	6	30.00	1.181				
P-200-50007	7	35.00	1.378	P-200-50024	24	120.00	4.724
P-200-50008	8	40.00	1.575				



PRINTED CIRCUIT BOARD

PLUGS

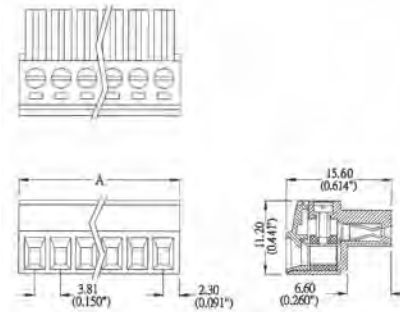


PLUGS • 180° • PITCH: 3.50 MM

TECHNICAL

CAGE CLAMP:	BRASS, NI PLATED
CONTACT:	PHOSPHOR BRONZE, TIN PLATED, 0.3T
INSULATING BODY:	POLYAMIDE66 (UL94V-O)
SCREW:	M2.0, STEEL, ZINC
COLOR:	GREEN
OPERATION TEMPERATURE:	-55°C TO +105°C
SHORT-TIME TEMPERATURE:	UP TO 250°C (+482°F)
CURRENT RATING:	10 AMP AC300V
INSULATION WITHSTANDING VOLT:	AC2000V MIN
INSULATION RESISTANCE:	>5000Ω AT DC500V
WIRE STRIP LENGTH:	6.5 MM
WIRE RANGE:	16 - 26 AWG
SCREWS TORQUE:	2.5 LB-INCH

ITEM No.	POLES	A (MM)	A (INCH)	ITEM No.	POLES	A (MM)	A (INCH)
P-420-35002	2	7.80	0.307	P-420-35009	9	32.30	1.272
P-420-35003	3	11.30	0.445	P-420-35010	10	35.80	1.409
P-420-35004	4	14.80	0.583	P-420-35011	11	39.30	1.547
P-420-35005	5	18.30	0.720	P-420-35012	12	42.80	1.685
P-420-35006	6	21.80	0.858	P-420-35013	13	46.30	1.823
P-420-35007	7	25.30	0.996	P-420-35014	14	49.80	1.961
P-420-35008	8	28.80	1.134				



PLUGS • 180° • PITCH: 3.81 MM

TECHNICAL

CAGE CLAMP:	BRASS, NI PLATED
CONTACT:	PHOSPHOR BRONZE, TIN PLATED, 0.3T
INSULATING BODY:	POLYAMIDE66 (UL94V-O)
SCREW:	M2.0, STEEL, ZINC
COLOR:	GREEN
OPERATION TEMPERATURE:	-55°C TO +105°C
SHORT-TIME TEMPERATURE:	UP TO 250°C (+482°F)
CURRENT RATING:	10 AMP AC300V
INSULATION WITHSTANDING VOLT:	AC2000V MIN
INSULATION RESISTANCE:	>5000Ω AT DC500V
WIRE STRIP LENGTH:	6.5 MM
WIRE RANGE:	16 - 26 AWG
SCREWS TORQUE:	2.5 LB-INCH

ITEM No.	POLES	A (MM)	A (INCH)	ITEM No.	POLES	A (MM)	A (INCH)
P-420-38102	2	8.41	0.331	P-420-38109	9	35.08	1.381
P-420-38103	3	12.22	0.481	P-420-38110	10	38.89	1.531
P-420-38104	4	16.03	0.631	P-420-38111	11	42.70	1.681
P-420-38105	5	19.84	0.781	P-420-38112	12	46.51	1.831
P-420-38106	6	23.65	0.931				
P-420-38107	7	27.46	1.081	P-420-38116	16	61.75	2.431
P-420-38108	8	31.27	1.231				



PRINTED CIRCUIT BOARD

HEADERS

HEADERS • CLOSED 90° • PITCH: 3.50 MM

TECHNICAL

SOLDER PIN:	0.8 MM, BRASS, TIN PLATED
INSULATING BODY:	POLYAMIDE66 (UL94V-0)
COLOR:	GREEN
OPERATION TEMPERATURE:	-55°C TO +105°C
SHORT-TIME TEMPERATURE:	UP TO 250°C (+482°F)
CURRENT RATING:	12 AMP AC300V
INSULATION WITHSTANDING VOLT:	AC2000V MIN
INSULATION RESISTANCE:	>5000Ω AT DC500V
PDB HOLE DIAMETER:	φ 1.3 MM

ITEM No.	POLES	A (MM)	A (INCH)	ITEM No.	POLES	A (MM)	A (INCH)
H-030-35002	2	7.60	0.299	H-030-35009	9	32.10	1.264
H-030-35003	3	11.10	0.437	H-030-35010	10	35.60	1.402
H-030-35004	4	14.60	0.575	H-030-35011	11	39.10	1.539
H-030-35005	5	18.10	0.713	H-030-35012	12	42.60	1.677
H-030-35006	6	21.60	0.850	H-030-35013	13	46.10	1.815
H-030-35007	7	25.10	0.988	H-030-35014	14	49.60	1.953
H-030-35008	8	28.60	1.126				

HEADERS • CLOSED 90° • PITCH: 3.81 MM

TECHNICAL

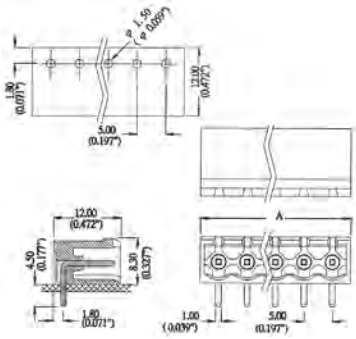
SOLDER PIN:	0.8 MM, BRASS, TIN PLATED
INSULATING BODY:	POLYAMIDE66 (UL94V-0)
COLOR:	GREEN
OPERATION TEMPERATURE:	-55°C TO +105°C
SHORT-TIME TEMPERATURE:	UP TO 250°C (+482°F)
CURRENT RATING:	12 AMP AC300V
INSULATION WITHSTANDING VOLT:	AC2000V MIN
INSULATION RESISTANCE:	>5000Ω AT DC500V
PDB HOLE DIAMETER:	φ 1.3 MM

ITEM No.	POLES	A (MM)	A (INCH)	ITEM No.	POLES	A (MM)	A (INCH)
H-030-38102	2	8.23	0.324	H-030-38109	9	34.90	1.374
H-030-38103	3	12.04	0.474	H-030-38110	10	38.71	1.524
H-030-38104	4	15.85	0.624	H-030-38111	11	42.52	1.674
H-030-38105	5	19.66	0.774	H-030-38112	12	46.33	1.824
H-030-38106	6	23.47	0.924				
H-030-38107	7	27.28	1.074	H-030-38116	16	61.57	2.424
H-030-38108	8	31.09	1.224				

PRINTED CIRCUIT BOARD

HEADERS

HEADERS • CLOSED 90° • PITCH: 5.00 MM

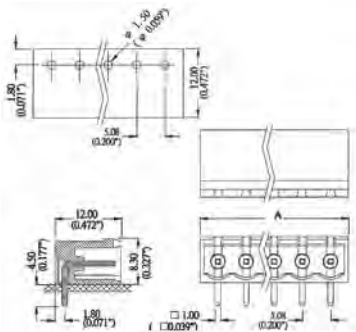


TECHNICAL

SOLDER PIN:	1.0 MM, BRASS, TIN PLATED
INSULATING BODY:	POLYAMIDE66 (UL94V-0)
COLOR:	GREEN
OPERATION TEMPERATURE:	-55°C TO +105°C
SHORT-TIME TEMPERATURE:	UP TO 250°C (+482°F)
CURRENT RATING:	12 AMP AC300V
INSULATION WITHSTANDING VOLT:	AC2000V MIN
INSULATION RESISTANCE:	>5000Ω AT DC500V
PDB HOLE DIAMETER:	φ 1.5 MM

ITEM NO.	POLES	A (MM)	A (INCH)	ITEM NO.	POLES	A (MM)	A (INCH)
H-030-50002	2	11.60	0.457	H-030-50009	9	46.60	1.835
H-030-50003	3	16.60	0.654	H-030-50010	10	51.60	2.031
H-030-50004	4	21.60	0.850	H-030-50011	11	56.60	2.228
H-030-50005	5	26.60	1.047	H-030-50012	12	61.60	2.425
H-030-50006	6	31.60	1.244				
H-030-50007	7	36.60	1.441	H-030-50016	16	121.60	4.787
H-030-50008	8	41.60	1.638				

HEADERS • CLOSED 90° • PITCH: 5.08 MM



TECHNICAL

SOLDER PIN:	1.0 MM, BRASS, TIN PLATED
INSULATING BODY:	POLYAMIDE66 (UL94V-0)
COLOR:	GREEN
OPERATION TEMPERATURE:	-55°C TO +105°C
SHORT-TIME TEMPERATURE:	UP TO 250°C (+482°F)
CURRENT RATING:	12 AMP AC300V
INSULATION WITHSTANDING VOLT:	AC2000V MIN
INSULATION RESISTANCE:	>5000Ω AT DC500V
PDB HOLE DIAMETER:	φ 1.5 MM

ITEM NO.	POLES	A (MM)	A (INCH)	ITEM NO.	POLES	A (MM)	A (INCH)
H-030-50802	2	11.76	0.463	H-030-50809	9	47.32	1.863
H-030-50803	3	16.84	0.663	H-030-50810	10	52.40	2.063
H-030-50804	4	21.92	0.863	H-030-50811	11	57.48	2.263
H-030-50805	5	27.00	1.063	H-030-50812	12	62.56	2.463
H-030-50806	6	32.08	1.263				
H-030-50807	7	37.16	1.463	H-030-50816	16	123.52	4.863
H-030-50808	8	42.24	1.663				



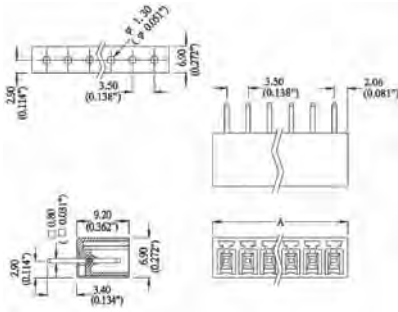
PRINTED CIRCUIT BOARD

HEADERS

HEADERS • CLOSED 180° • PITCH: 3.50 MM

TECHNICAL

SOLDER PIN:	0.8 MM, BRASS, TIN PLATED
INSULATING BODY:	POLYAMIDE66 (UL94V-0)
COLOR:	GREEN
OPERATION TEMPERATURE:	-55°C TO +105°C
SHORT-TIME TEMPERATURE:	UP TO 250°C (+482°F)
CURRENT RATING:	12 AMP AC300V
INSULATION WITHSTANDING VOLT:	AC2000V MIN
INSULATION RESISTANCE:	>5000Ω AT DC500V
PDB HOLE DIAMETER:	φ 1.3 MM

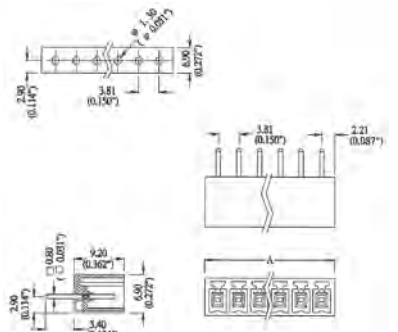


ITEM No.	POLES	A (MM)	A (INCH)	ITEM No.	POLES	A (MM)	A (INCH)
H-040-35002	2	7.60	0.299	H-040-35009	9	32.10	1.264
H-040-35003	3	11.10	0.437	H-040-35010	10	35.60	1.402
H-040-35004	4	14.60	0.575	H-040-35011	11	39.10	1.539
H-040-35005	5	18.10	0.713	H-040-35012	12	42.60	1.677
H-040-35006	6	21.60	0.850	H-040-35013	13	46.10	1.815
H-040-35007	7	25.10	0.988	H-040-35014	14	49.60	1.953
H-040-35008	8	28.60	1.126				

HEADERS • CLOSED 180° • PITCH: 3.81 MM

TECHNICAL

SOLDER PIN:	0.8 MM, BRASS, TIN PLATED
INSULATING BODY:	POLYAMIDE66 (UL94V-0)
COLOR:	GREEN
OPERATION TEMPERATURE:	-55°C TO +105°C
SHORT-TIME TEMPERATURE:	UP TO 250°C (+482°F)
CURRENT RATING:	12 AMP AC300V
INSULATION WITHSTANDING VOLT:	AC2000V MIN
INSULATION RESISTANCE:	>5000Ω AT DC500V
PDB HOLE DIAMETER:	φ 1.3 MM



ITEM No.	POLES	A (MM)	A (INCH)	ITEM No.	POLES	A (MM)	A (INCH)
H-040-38102	2	8.23	0.324	H-040-38109	9	34.90	1.374
H-040-38103	3	12.04	0.474	H-040-38110	10	38.71	1.524
H-040-38104	4	15.85	0.624	H-040-38111	11	42.52	1.674
H-040-38105	5	19.66	0.774	H-040-38112	12	46.33	1.824
H-040-38106	6	23.47	0.924				
H-040-38107	7	27.28	1.074	H-040-38116	16	61.57	2.424
H-040-38108	8	31.09	1.224				

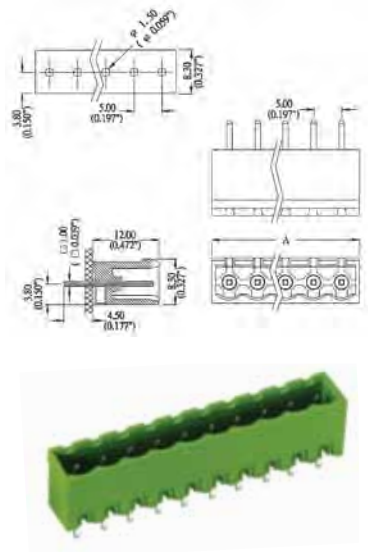
PRINTED CIRCUIT BOARD

HEADERS

HEADERS • CLOSED 180° • PITCH: 5.00 MM

TECHNICAL

SOLDER PIN:	1.0 MM, BRASS, TIN PLATED
INSULATING BODY:	POLYAMIDE66 (UL94V-O)
COLOR:	GREEN
OPERATION TEMPERATURE:	-55°C TO +105°C
SHORT-TIME TEMPERATURE:	UP TO 250°C (+482°F)
CURRENT RATING:	12 AMP AC300V
INSULATION WITHSTANDING VOLT:	AC2000V MIN
INSULATION RESISTANCE:	>5000Ω AT DC500V
PDB HOLE DIAMETER:	φ 1.5 MM

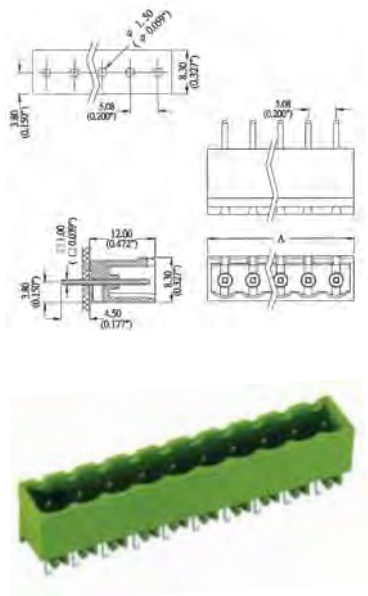


ITEM NO.	POLES	A (MM)	A (INCH)	ITEM NO.	POLES	A (MM)	A (INCH)
H-040-50002	2	11.60	0.457	H-040-50009	9	46.60	1.835
H-040-50003	3	16.60	0.654	H-040-50010	10	51.60	2.031
H-040-50004	4	21.60	0.850	H-040-50011	11	56.60	2.228
H-040-50005	5	26.60	1.047	H-040-50012	12	61.60	2.425
H-040-50006	6	31.60	1.244				
H-040-50007	7	36.60	1.441	H-040-50016	16	121.60	4.787
H-040-50008	8	41.60	1.638				

HEADERS • CLOSED 180° • PITCH: 5.08 MM

TECHNICAL

SOLDER PIN:	1.0 MM, BRASS, TIN PLATED
INSULATING BODY:	POLYAMIDE66 (UL94V-O)
COLOR:	GREEN
OPERATION TEMPERATURE:	-55°C TO +105°C
SHORT-TIME TEMPERATURE:	UP TO 250°C (+482°F)
CURRENT RATING:	12 AMP AC300V
INSULATION WITHSTANDING VOLT:	AC2000V MIN
INSULATION RESISTANCE:	>5000Ω AT DC500V
PDB HOLE DIAMETER:	φ 1.5 MM



ITEM NO.	POLES	A (MM)	A (INCH)	ITEM NO.	POLES	A (MM)	A (INCH)
H-040-50802	2	11.76	0.463	H-040-50809	9	47.32	1.863
H-040-50803	3	16.84	0.663	H-040-50810	10	52.40	2.063
H-040-50804	4	21.92	0.863	H-040-50811	11	57.48	2.263
H-040-50805	5	27.00	1.063	H-040-50812	12	62.56	2.463
H-040-50806	6	32.08	1.263				
H-040-50807	7	37.16	1.463	H-040-50816	16	123.52	4.863
H-040-50808	8	42.24	1.663				



SCREWDRIVERS

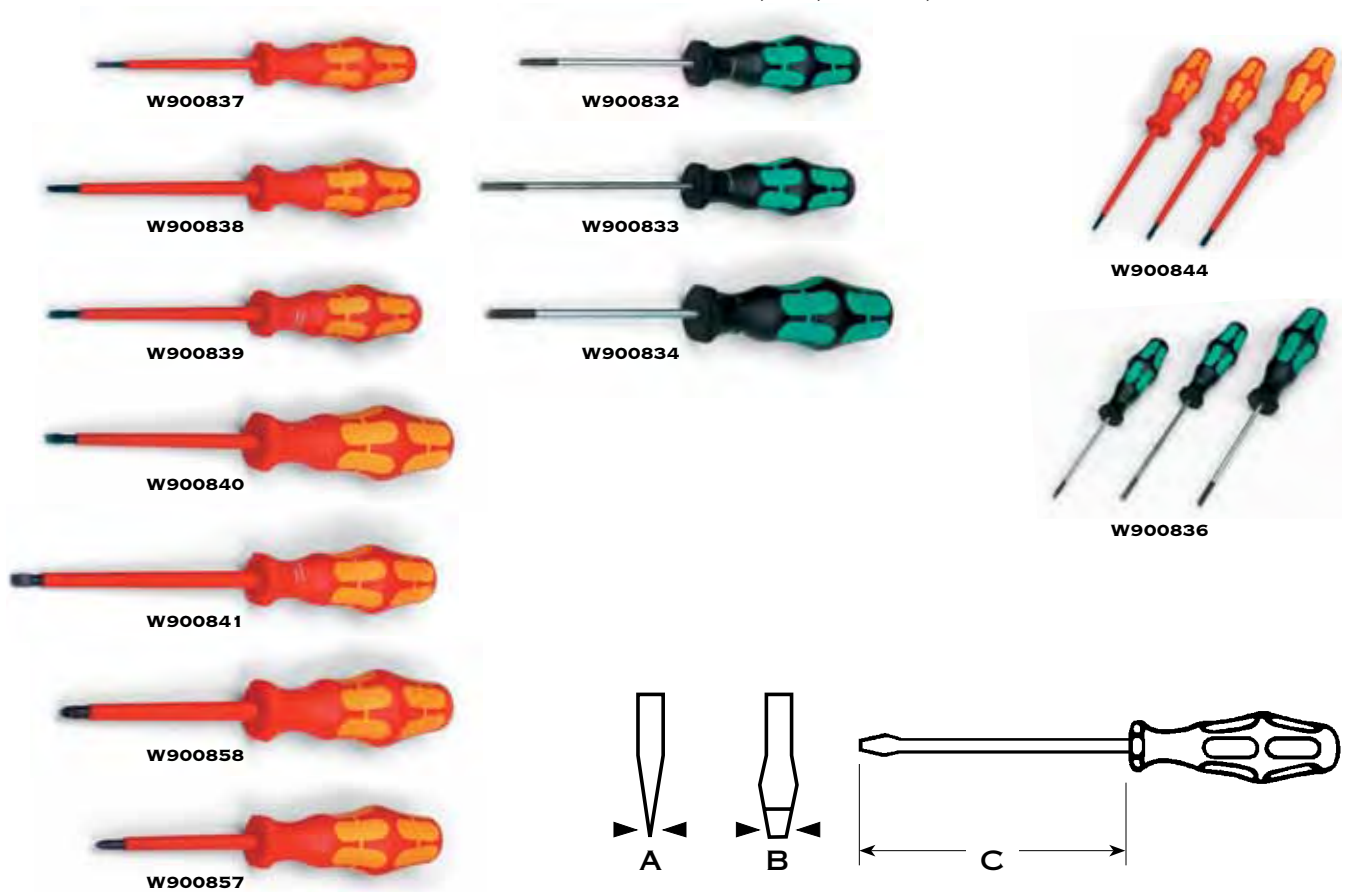
THE ERGONOMIC DESIGN OF OUR SCREWDRIVER HANDLES EFFICIENTLY HELP TO PROVIDE THE PROPER TIGHTENING TORQUE FOR YOUR TERMINAL BLOCK APPLICATION. INSULATION IS RATED AT 10,000V FOR YOUR SAFETY. THE TIPS OF OUR SCREWDRIVERS ARE MADE OF HARDENED STEEL FOR A LONGER TOOL LIFE.



SCREWDRIVERS FOR TERMINAL BLOCKS

FEATURES

- ERGONOMIC HANDLE PROVIDES PROPER TIGHTENING TORQUE
- IMPACT RESISTANT MATERIAL USED TO PROVIDE LONG LASTING USE
- INSULATION SLEEVE PROVIDES ISOLATION UP TO 10,000 V
- APPROVALS: DIN - VDE 0680/2, ISO, IEC 900, EN 60900



DESCRIPTION	PART NO.	A (MM)	B (MM)	C (MM)
INSULATED SCREWDRIVERS	W900837	0.4	2.5	80
	W900838	0.5	3.0	100
	W900839	0.6	3.5	100
	W900840	0.8	4.0	100
	W900841	1.0	5.5	125
KIT FOR INSULATED SCREWDRIVERS (3)	W900844 (INCLUDES ONE OF EACH: W900838, W900839, W900840)			
NON-INSULATED SCREWDRIVERS	W900832	0.5	3.0	80
	W900833	0.6	3.5	100
	W900834	0.8	4.0	100
KIT FOR NON-INSULATED SCREWDRIVERS (3)	W900836 (INCLUDES ONE OF EACH: W900832, W900833, W900834)			
INSULATED PHILLIPS SCREWDRIVER	W900858 (100 MM)			
NON-INSULATED PHILLIPS SCREWDRIVER	W900857 (80 MM)			



INDEX

PART #	PAGE #	PART #	PAGE #	PART #	PAGE #	PART #	PAGE #	PART #	PAGE #	PART #	PAGE #
160	124	1160.36	173	3750.42	260	5650	211	8050.98	245	8300.25	243
164	124	1160.40	168	5200.07	209	5711	212	8051	243	8300.29	243
165	124	1160.42	173	5200.09	209	5716	212	8063.85	228	8300.32	243
1000.09	172	1160.48	173	5200.11	209	5717	212	8063.96	245	8300.40	243
1000.11	172	1160.50	168	5200.12	208	5720	212	8063.98	245	8706.08	262
1000.13	172	1160.63	168	5200.13	209	5721	212	8207	246	8707.08	263
1000.16	172	1160.75	168	5200.16	209	5725	212	8207.40	246	8708.08	262
1000.17	168	1183.17	216	5200.17	208	5729	212	8209	246	8709.08	263
1000.20	168	1183.20	216	5200.20	208	5732	212	8209.40	246	8710.08	262
1000.21	172	1183.25	216	5200.21	209	8000.06	242	8211	246	8711.08	263
1000.25	168	1183.32	216	5200.25	208	8000.08	242	8211.40	246	8712.08	262
1000.29	172	1400.11	191	5200.29	209	8000.080	242	8212	246	8713.08	263
1000.32	168	1400.16	191	5200.32	208	8000.085	242	8212.40	246	8716.08	263
1000.36	172	1400.17	191	5200.40	208	8000.095	242	8213	246	8717.08	262
1000.40	168	1400.20	191	5210.07	209	8000.10	242	8213.40	246	8720.08	262
1000.42	172	1400.21	191	5210.09	209	8000.100	242	8216	246	8721.08	263
1000.48	172	1400.25	191	5210.11	209	8000.105	242	8216.40	246	8725.08	262
1000.50	168	1807.02	197	5210.12	208	8000.115	242	8217	246	8729.08	263
1000.63	168	1809.02	197	5210.13	209	8000.12	242	8217.40	246	8732.08	262
1000.75	168	1811.02	197	5210.16	209	8000.17	242	8220	246	8736.08	263
1007.52	192	1812.02	197	5210.17	208	8000.20	242	8220.40	246	8740.08	262
1008.52	192	1813.02	197	5210.20	208	8000.25	242	8221	246	8742.08	263
1009.52	192	1816.02	197	5210.21	209	8000.32	242	8221.40	246	8745.12	263
1010.52	192	1817.02	197	5210.25	208	8000.40	242	8225	246	8745.17	263
1011.52	192	1820.02	197	5210.29	209	8000.50	242	8225.40	246	8745.20	263
1012.52	192	1821.02	197	5210.32	208	8000.63	242	8229	246	8745.25	263
1013.51	192	1825.02	197	5210.40	208	8000.75	242	8229.40	246	8745.32	263
1013.52	192	1829.02	197	5215.07	210	8007	242	8232	246	8745.40	263
1016.51	192	1832.02	197	5215.09	210	8007.85	228	8232.40	246	8745.50	263
1016.52	192	1836.02	197	5215.11	210	8007.96	245	8236	246	8745.63	263
1017.52	192	1840.02	197	5215.12	210	8008.85	228	8236.40	246	8748.08	263
1020.51	192	3409.07	258	5215.13	210	8008.96	245	8240	246	8750.08	262
1020.52	192	3411.07	258	5215.16	210	8008.98	245	8240.40	246	8763.08	262
1021.51	192	3411.09	258	5215.17	210	8009	242	8242	246	8775.08	262
1025.52	192	3413.09	258	5215.20	210	8009.85	228	8242.40	246	8807	266
1060.09	171	3413.11	258	5215.21	210	8009.96	245	8245.07	247	8809	266
1060.11	171	3416.09	258	5215.25	210	8010.85	228	8245.09	247	8811	266
1060.13	171	3416.11	258	5215.29	210	8010.96	245	8245.11	247	8813	266
1060.16	171	3416.13	258	5215.32	210	8010.98	245	8245.12	247	8816	266
1060.17	166	3417.09	260	5215.40	210	8011	242	8245.13	247	8821	266
1060.20	166	3420.11	260	5509	213	8011.85	228	8245.16	247	8829	266
1060.21	171	3421.13	258	5513	213	8011.96	245	8245.17	247	8836	266
1060.25	166	3421.16	258	5516	213	8012.85	228	8245.20	247	8842	266
1060.29	171	3425.16	260	5516.10	213	8012.96	245	8245.21	247	8845.12	266
1060.32	166	3429.21	258	5516.12	213	8012.98	245	8245.25	247	8845.17	266
1060.36	171	3436.29	258	5516.13	213	8013	242	8245.29	247	8845.20	266
1060.40	166	3440.29	260	5517	213	8013.85	228	8245.32	247	8845.25	266
1060.42	171	3450.36	260	5520	213	8013.96	245	8245.36	247	8845.32	266
1060.48	171	3463.48	260	5520.11	241	8016	242	8245.40	247	8845.40	266
1060.50	166	3509.07	249	5520.16	241	8016.85	228	8245.42	247	8845.50	266
1060.63	166	3511.07	249	5520.21	241	8016.96	245	8245.48	247	8845.63	266
1060.75	166	3511.09	249	5520.29	241	8017.85	228	8245.50	247	8848.48	266
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DSUB-9-MF	157	H-040-38109	282	P-100-50009	278	TCNN-K	113		
DSUB-9-MF-CBL	157	H-040-38110	282	P-100-50010	278	TRAP 12 - 8 TW	134		
EC 65	137	H-040-38111	282	P-100-50011	278	TRAP 2 - 1	133		
F2400125	146	H-040-38112	282	P-100-50012	278	TRAP 22 - 10	133		
F240025	148	H-040-38116	282	P-100-50024	278	TRAP 24 - 10	133		
F240050	148	H-040-50002	283	P-100-50802	278	TRAP 24 - 14 L	134		
F240050S	146	H-040-50003	283	P-100-50803	278	TRAP 26 - 10 F	133		
F24010	149	H-040-50004	283	P-100-50804	278	TRAP 8 - 1	133		
F24010S	146	H-040-50005	283	P-100-50805	278	TRAP 8 - 4	133		
F24010S-3	148	H-040-50006	283	P-100-50806	278	TS 3 CUT	142		
F24020	149	H-040-50007	283	P-100-50807	278	TS3515SL	141		
F24020-3	149	H-040-50008	283	P-100-50808	278	TS3515SOL	141		
F24020S-3	148	H-040-50009	283	P-100-50809	278	TS3515SOLH	141		
F24040-3	149	H-040-50010	283	P-100-50810	278	TS3575SL	141		
H-030-35002	280	H-040-50011	283	P-100-50811	278	TS3575SL1	141		
H-030-35003	280	H-040-50012	283	P-100-50812	278	TS3575SL1-A	142		
H-030-35004	280	H-040-50016	283	P-100-50824	278	TS3575SOL	141		
H-030-35005	280	H-040-50802	283	P-200-50002	278	VICE 70150	135		
H-030-35006	280	H-040-50803	283	P-200-50003	278	W900832	285		
H-030-35007	280	H-040-50804	283	P-200-50004	278	W900833	285		
H-030-35008	280	H-040-50805	283	P-200-50005	278	W900834	112		
H-030-35009	280	H-040-50806	283	P-200-50006	278	W900834	285		
H-030-35010	280	H-040-50807	283	P-200-50007	278	W900836	285		
H-030-35011	280	H-040-50808	283	P-200-50008	278	W900837	285		
H-030-35012	280	H-040-50809	283	P-200-50009	278	W900838	285		
H-030-35013	280	H-040-50810	283	P-200-50010	278	W900839	285		
H-030-35014	280	H-040-50811	283	P-200-50011	278	W900840	285		
H-030-38102	280	H-040-50812	283	P-200-50012	278	W900841	285		
H-030-38103	280	H-040-50816	283	P-200-50024	278	W900844	285		
H-030-38104	280	IDC-20-M	157	P-420-35002	279	W900857	285		
H-030-38105	280	IDC-20-M-CBL	157	P-420-35003	279	W900858	285		
H-030-38106	280	IDC-24-M	157	P-420-35004	279				
H-030-38107	280	IDC-24-M-CBL	157	P-420-35005	279				
H-030-38108	280	IDC-40-M	157	P-420-35006	279				
H-030-38109	280	IND 20 - 14 L	134	P-420-35007	279				
H-030-38110	280	IND 20 - 6 L	134	P-420-35008	279				
H-030-38111	280	JB-FT10	112	P-420-35009	279				
H-030-38112	280	JB-FT15	112	P-420-35010	279				
H-030-38116	280	JB-FT20	112	P-420-35011	279				
H-030-50002	281	JB-FT5	112	P-420-35012	279				
H-030-50003	281	LC 100	139	P-420-35013	279				
H-030-50004	281	LUG 20 - 10	135	P-420-35014	279				
H-030-50005	281	M20KIT	112	P-420-38102	279				

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- DIN RAIL MOUNTED TERMINAL BLOCKS
 - WIRE DUCT
 - WIRE FERRULES
 - TOOLS
 - DIN RAIL
 - DIN RAIL MOUNTED POWER SUPPLIES
 - DIN RAIL MOUNTED CIRCUIT BREAKERS
 - DIN RAIL MOUNTED FUSE HOLDERS
 - DIN RAIL MOUNTED INTERFACE MODULES
 - DIN RAIL MOUNTED DISCONNECT SWITCHES
 - CABLE GLANDS
 - PRINTED CIRCUIT BOARD TERMINALS & CONNECTORS
 - SCREWDRIVERS



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