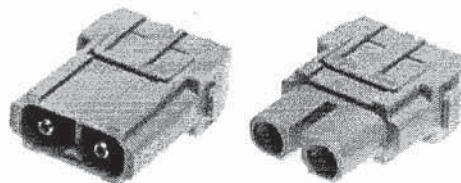
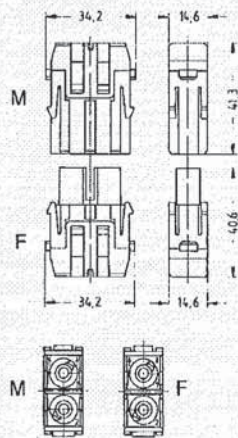


Number of contacts

2



Identification	Part number		Drawing	Dimensions in mm
	Male insert (M)	Female insert (F)		
Axial screw terminal 40 A			 34,2 14,6 34,2 14,6 40,6 M F Contact arrangement view from termination side	
2.5 ... 8 mm ²	09 14 002 2604	09 14 002 2704		
6 ... 10 mm ²	09 14 002 2605	09 14 002 2705		

Han
Modular

Identification	Part number	Drawing	Dimensions in mm
Hex key SW 2 for axial setscrew			
with grip	09 99 000 0313		
Bit 1/4"	09 99 000 0369		

06
21

Stock items in bold type

Features

- Axial-screw termination
- No special tools required

Technical characteristics

Specifications

DIN EN 60 664-1
DIN EN 61 984

Approvals



Inserts

Number of contacts	2
Electrical data acc. to EN 61 984	40 A 1000 V 8 kV 3
Rated current	40 A
Rated voltage	1000 V
Rated impulse voltage	8 kV
Pollution degree	3
Pollution degree 2 also	40 A 1600 V 12 kV 2

Rated voltage acc. to UL	600 V
Insulation resistance	$\geq 10^{10} \Omega$
Material	polycarbonate
Limiting temperatures	-40 °C ... +125 °C
Flammability acc. to UL 94	V 0
Mechanical working life - mating cycles	≥ 500

Contacts

Material	copper alloy
Surface	
- hard-silver plated	3 μm Ag
Contact resistance	0.5 m Ω
Screw terminal	
- Wire gauge 1)	2.5 ... 10 mm ²
- AWG	14 ... 8
- Hexagonal driver	SW 2
- Stripping length	

mm ²	2.5	4	6	10
mm	5 ⁺¹	5 ⁺¹	8 ⁺¹	11 ⁺¹

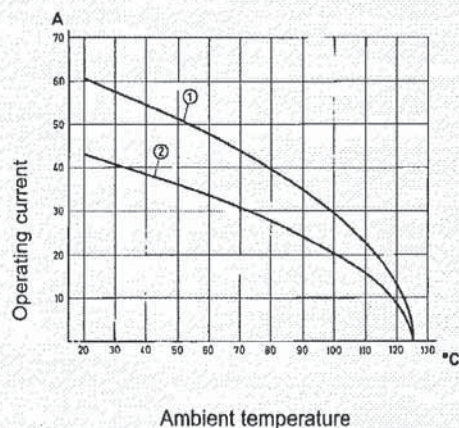
- Tightening torque

mm ²	2.5	4	6	10
Nm	1.5	1.5	2	2

Current carrying capacity

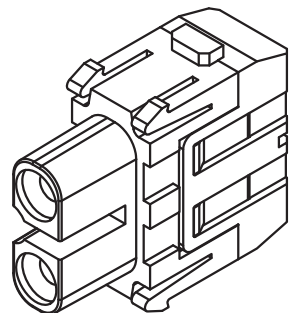
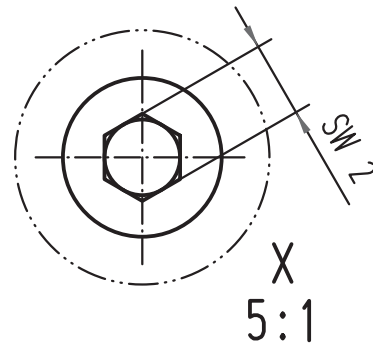
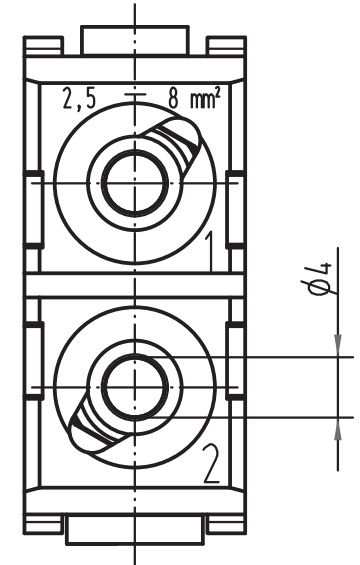
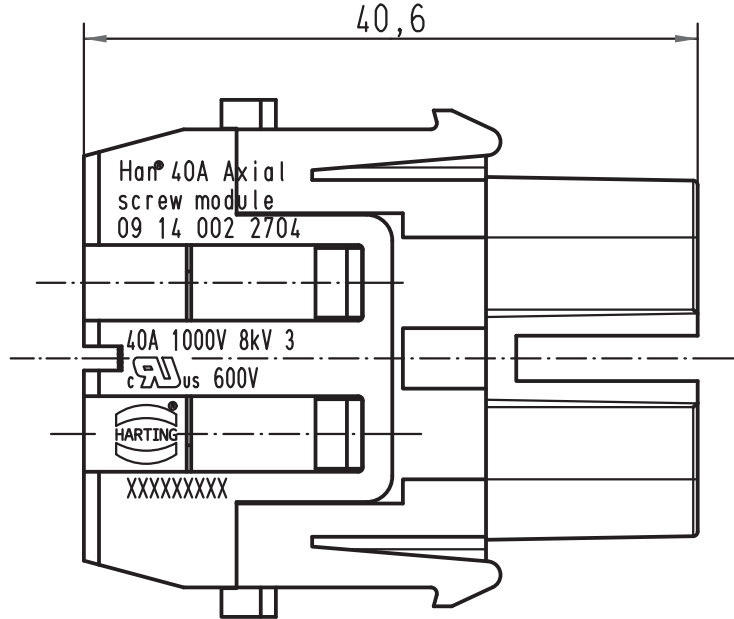
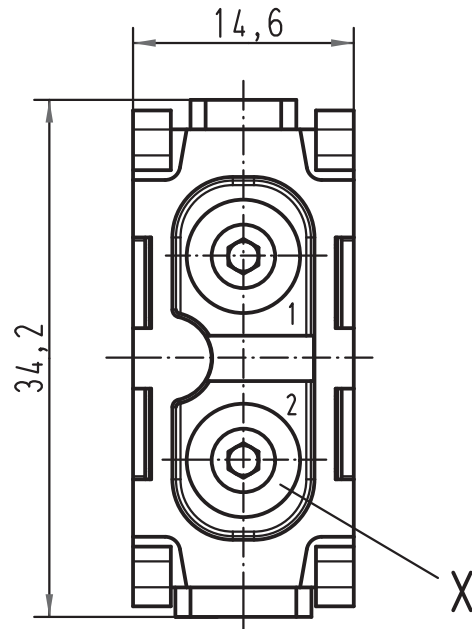
The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques according to
DIN EN 60 512-5



① 24 B hoods/housings with 6 modules; wire gauge: 10 mm²

② 24 B hoods/housings with 6 modules; wire gauge: 6 mm²



für Litze 2,5-8mm², AWG14-8, feindrähtig
for stranded wire 2,5-8mm², AWG14-8, fine wire

			All Dimensions in mm Original Size DIN A 4			Techn. Character.			Nicht tolerierte Maß/Free size tolerances				
				Dat.	Name	Maßstab/Scale 2:1	Han 40A Axial screw modul mit Rasthaken/with snap arm Buchseneinsatz/female insert						
			Detail.	08.12.08	Rull								
			Insp.		Be								
			Stand.										
			HARTING Electric GmbH & Co. KG							TB 09 14 002 2704			Blatt/ pag /
A			D-32339 Espelkamp										
Mod.	Dat.	Name							Sub.				