

DF Series

Power Rocker Switches



Features/Benefits

- Power switching up to 16 AMPS
- Sub-panel and Front-panel mounting
- PC and quick connect terminals
- Multi-position and multi-pole function
- Available in UL94V-0 grade materials
- RoHS compliant

Typical Applications

- Computers
- Power supplies
- Appliances
- Fitness equipment
- Off-road vehicles



Specifications

CONTACT RATING: 16 AMPS @ 125, 250 V AC; 1/4 HP @ 125 V AC; 1/2 HP @ 250 V AC; 6 AMPS @ 48 V DC (UL/CSA); 16 (2) AMPS @ 250 V AC, T100 (VDE).
DF52 & DF62: 6 AMPS @ 48 V DC (VDE).
ELECTRICAL LIFE: 10,000 make-and-break cycles at full load.
INSULATION RESISTANCE: 10⁹ Ω min.
DIELECTRIC STRENGTH: 1,000 Vrms min. @ sea level.
OPERATING TEMPERATURE: -20°C to +85°C

Materials

HOUSING & ACTUATOR: 6/6 nylon (UL 94V-2), black, finish: matte.
CONTACTS: Fine silver, silver plated.
TERMINALS: Copper, silver plated.
CONTACT SPRING: Music wire or stainless steel.

NOTE: Specifications and materials listed above are for standard switches.
For information on specific and custom switches, consult Customer Service Center.

Build-A-Switch

To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages G-79 thru G-81. For additional options not shown in catalog, consult Customer Service Center.

<div>Switch Function</div> <div>DF52 SPST, Off-On</div> <div>DF62 DPST, Off-On</div> <div>DF72 SPDT, Off-On-On</div>	<div>Actuator</div> <div>J1 Rocker</div> <div>Actuator Color</div> <div>2 Black</div> <div>1 White</div> <div>Housing Style/Color</div> <div>S2 Sub-panel, black</div> <div>G2 Actuator guard, black</div> <div>P2 Panel, black</div> <div>S1 Sub-panel, white</div>	<div>Terminations</div> <div>15 Quick connect</div> <div>A Right angle, PC thru-hole</div> <div>Actuator Markings</div> <div>NONE No marking</div> <div>D ON-OFF</div> <div>H 0 I</div> <div>P 0 -</div> <div>Contact Material</div> <div>QA Silver (UL/CSA)</div> <div>QF Silver (UL/CSA/VDE)</div>
<div></div>	<div></div>	<div></div>

Rocker



G

C&K

Dimensions are shown: Inches (mm)
Specifications and dimensions subject to change

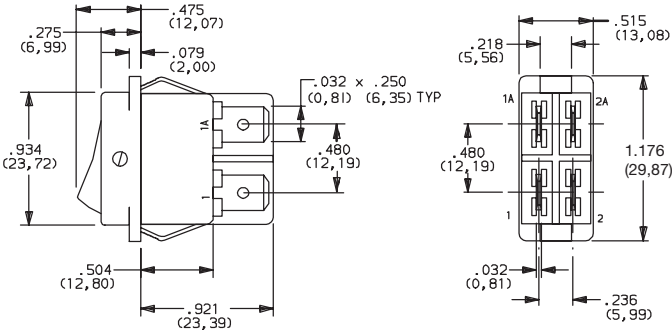
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SWITCH FUNCTION

NO. POLES	MODEL NO.	SWITCH FUNCTION		CONNECTED TERMINALS		SCHEMATIC
		POS. 1	POS. 2	POS. 1	POS. 2	
SP	DF52	OFF	ON	OPEN	1-1A	SPST
DP	DF62	OFF	ON	OPEN	1-1A, 2-2A	DPST

NO. POLES	MODEL NO.	POS. 1	POS. 2	POS. 3	POS. 1	POS. 2	POS. 3	SCHEMATIC
SP	DF72	OFF	ON	ON	OPEN	1 / 2-2A	1 / 2-1A 1 / 2-2A	

DPST



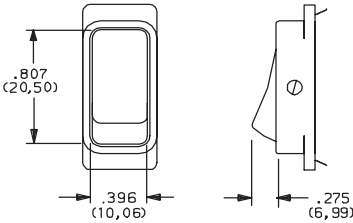
Actuator shown in Pos. 1

Part number shown: DF62J12S215QA

All models with all options. Some models available with , see page G-81.

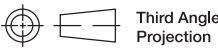
ACTUATOR

J1 ROCKER



OPTION CODE	ACTUATOR COLOR
2	BLACK
1	WHITE

NOTE: Actuator finish: matte. Other colors available, consult Customer Service Center.



Dimensions are shown: Inches (mm)
Specifications and dimensions subject to change



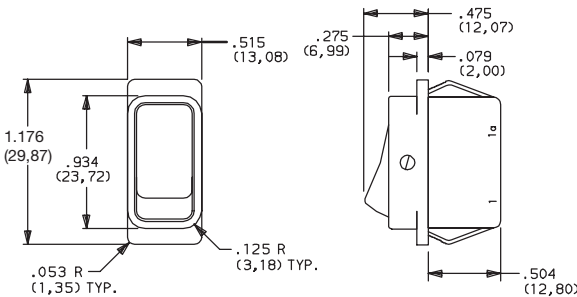
DF Series Power Rocker Switches

HOUSING STYLE/COLOR

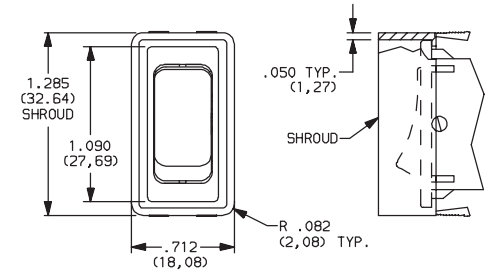
S SUB-PANEL

G2 ACTUATOR GUARD

NEW!

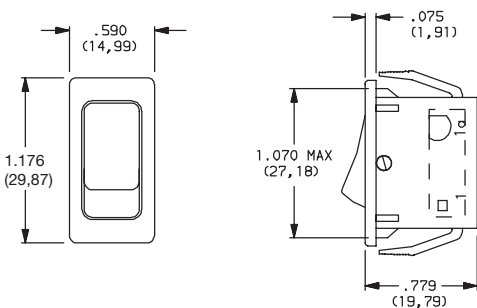


NOTE: DF52 & DF62 models only.



NOTE: Not available with 'A' termination.
Available in black only.

P PANEL



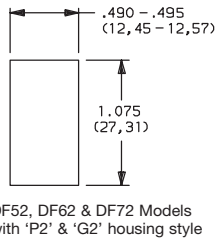
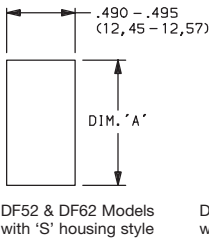
NOTE: Not available with 'A' termination.
Available in black only.

OPTION CODE	HOUSING COLOR
2	(STD.) BLACK
1	WHITE

NOTE: Housing finish: matte. Other colors available, consult Customer Service Center.

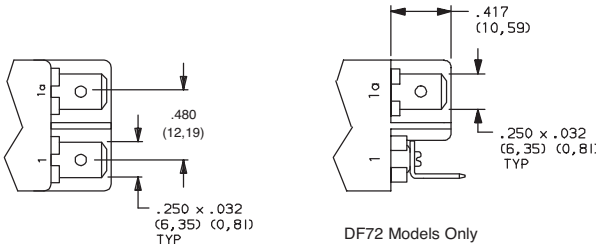
PANEL MOUNTING

PANEL THICKNESS	DIM 'A'
.029-.048 (0,74) (1,22)	1.021 (25,93)
.048-.078 (1,22) (1,98)	1.029 (26,14)
.078-.117 (1,98) (2,97)	1.045 (26,54)
.075-.140 (1,91) (3,56)	1.075 (27,31)



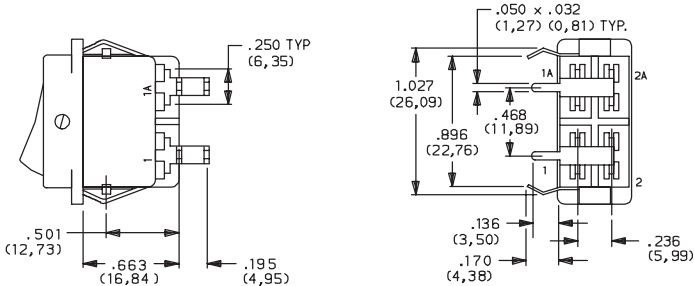
TERMINATIONS

15 QUICK CONNECT



DF72 Models Only

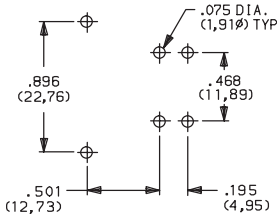
A RIGHT ANGLE, PC THRU-HOLE



Actuator shown in Pos. 1

NOTE: DF52 and DF62 Models Only

PC MOUNTING



Third Angle
Projection

Dimensions are shown: Inches (mm)

Specifications and dimensions subject to change



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ACTUATOR MARKINGS

NONE NO MARKING



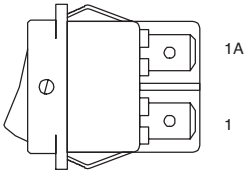
D ON-OFF



H O |



P O -



NOTE: Orientation of actuator markings and terminals.

'D, H, & P' marking options: marking color white, standard for all actuator colors except white.
Marking color black, standard for white actuators. Consult Customer Service Center for other available marking colors.

CONTACT MATERIAL

OPTION CODE	CONTACT AND TERMINAL MATERIAL	RATINGS	
		POWER	
QA	SILVER ^{1,2}		16 AMPS @ 125, 250 V AC; 1/4 HP @ 125 V AC; 1/2 HP @ 250 V AC; 6 AMPS @ 48 V DC (UL/CSA).
QF			16 AMPS @ 125, 250 V AC; 1/4 HP @ 125 V AC; 1/2 HP @ 250 V AC (UL/CSA). 16(2) AMPS @ 250 V AC, T100 (VDE); DF52 & DF62: 6 AMPS @ 48 V DC (VDE).

* Note: See Technical Data section of this catalog for RoHS compliant and compatible definitions and specifications.

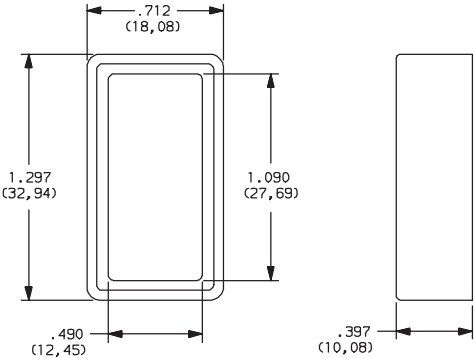
¹ CONTACTS: Fine silver, silver plated.

² TERMINALS: Copper, silver plated.

All models with all options, models with 'QF' contact material also .

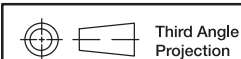
AVAILABLE HARDWARE

Actuator Guard



PART NO.
285B02000

Material: Nylon 6/6
Finish: Matte



Dimensions are shown: Inches (mm)
Specifications and dimensions subject to change

www.ck-components.com

