

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 H-79 thru H-81. For additional options not shown in catalog, consult Customer Service Center.

Switch Function
DF52 SPST, Off-On
DF62 DPST, Off-On
DF72 SPDT, Off-On-On

Actuator
J1 Rocker

Actuator Color
2 Black
1 White

Housing Style/Color
S2 Sub-panel, black
G2 Actuator guard, black
P2 Panel, black
S1 Sub-panel, white

Terminations
15 Quick connect
A Right angle, PC thru-hole

Actuator Markings
NONE No marking
D ON-OFF
H 0 |
P 0 -

Contact Material
QA Silver (UL/CSA)
QF Silver (UL/CSA/VDE)

Rocker

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

H-78

www.ck-components.com

DF Series Power Rocker Switches

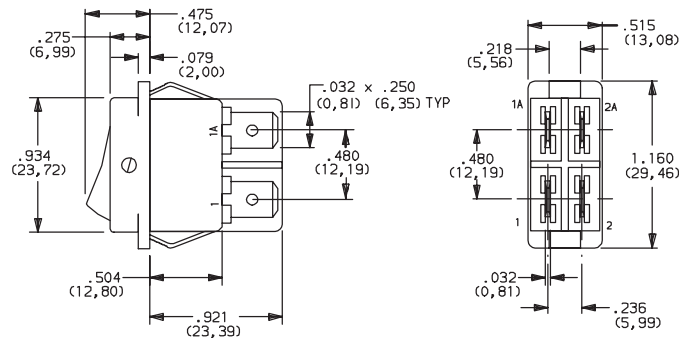
SWITCH FUNCTION



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	POS. 1 POS. 2 POS. 3

DPST

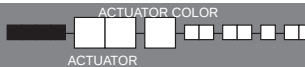


Actuator shown in Pos. 1

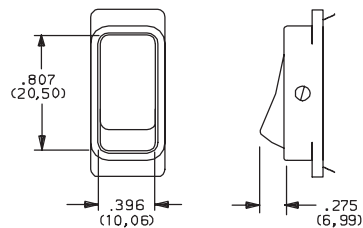
Part number shown: DF62J12S215QA

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

ACTUATOR

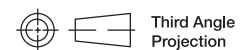


J1 ROCKER



OPTION CODE	ACTUATOR COLOR
2	BLACK
1	WHITE

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



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

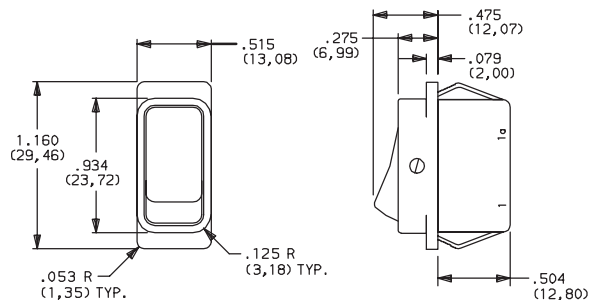


DF Series Power Rocker Switches

HOUSING STYLE/COLOR

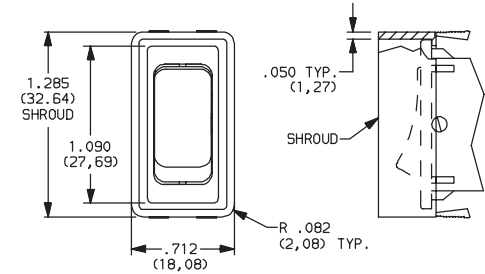


S SUB-PANEL



NOTE: DF52 & DF62 models only.

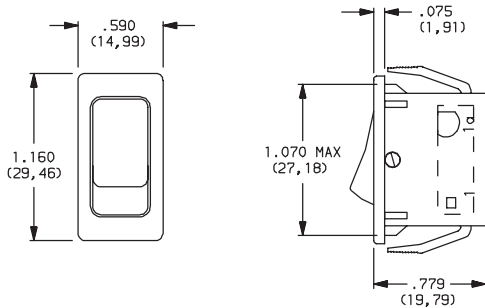
G2 ACTUATOR GUARD



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

NEW!

P PANEL



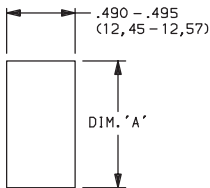
NOTE: Not available with 'A' termination.
Available in black only.

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

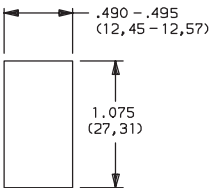
NOTE: Housing finish: matte. Other colors available, consult Customer Service Center.

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)



DF52 & DF62 Models with 'S' housing style

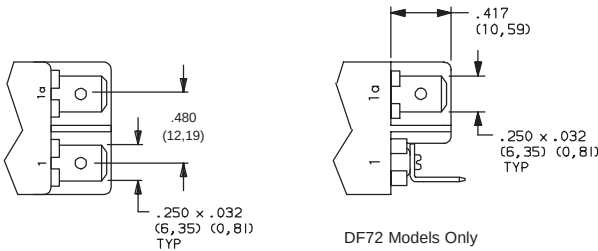


DF52, DF62 & DF72 Models with 'P2' & 'G2' housing style

TERMINATIONS

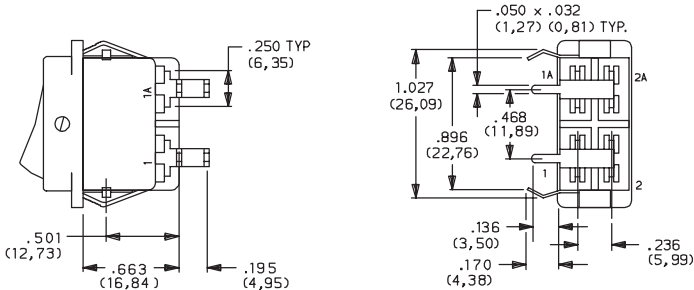


15 QUICK CONNECT



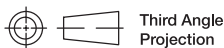
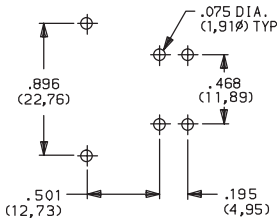
DF72 Models Only

A RIGHT ANGLE, PC THRU-HOLE



NOTE: DF52 and DF62 Models Only

PC MOUNTING



Third Angle Projection

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



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ACTUATOR MARKINGS



NONE NO MARKING



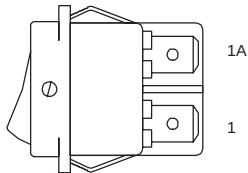
D ON-OFF



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	
QA	SILVER ^{1,2}	POWER	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.

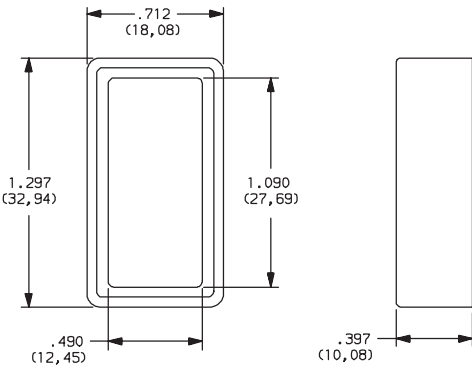
¹ CONTACTS: Fine silver, silver plated.

² TERMINALS: Copper, silver plated.

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

AVAILABLE HARDWARE

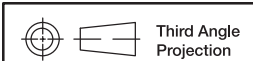
Actuator Guard



PART NO.

285B02000

Material: Nylon 6/6
Finish: Matte



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

