

# 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
- 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, 2 AMPS @ 60 V DC, 11 AMPS @ 30 V DC

ELECTRICAL LIFE: 10,000 make-and-break cycles at full load.

INSULATION RESISTANCE:  $10^9 \Omega$  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</div> |
| <div></div>                                                                                                          | <div></div>                                                                                                                                                                                                                                                          | <div></div>                                                                                                                                                                                                                                               |

Rocker



G



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

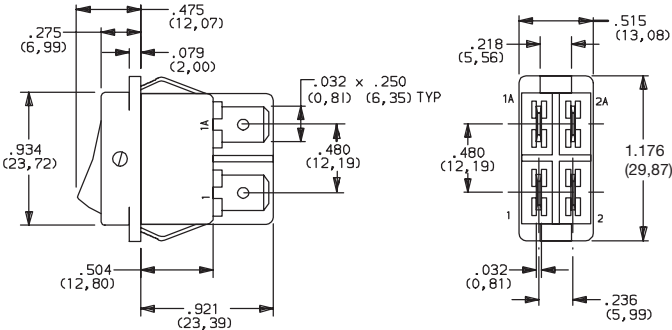
DF Series  
Power Rocker Switches

SWITCH FUNCTION

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

| NO.<br>POLES | MODEL<br>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<br>1 / 2-2A |           |

DPST



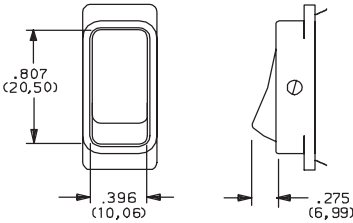
Actuator shown in Pos. 1

Part number shown: DF62J12S215QA

All models

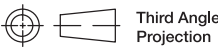
ACTUATOR

J1 ROCKER



| OPTION<br>CODE | ACTUATOR<br>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



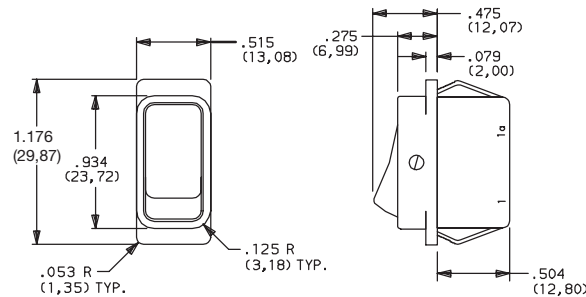
# DF Series Power Rocker Switches

## HOUSING STYLE/COLOR

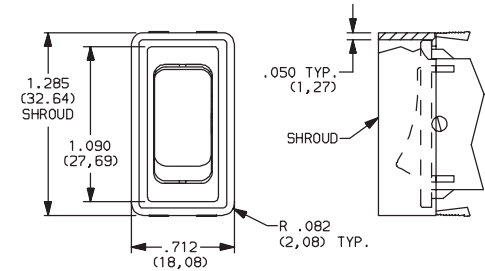
**S** SUB-PANEL

**G2** ACTUATOR GUARD

**NEW!**

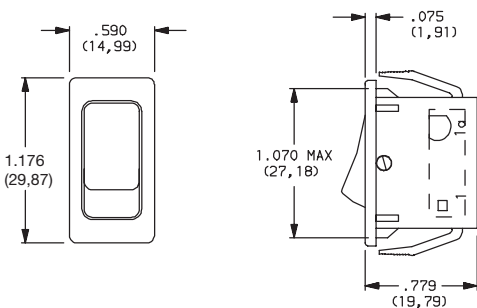


**NOTE:** DF52 & DF62 models only.



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

**P** PANEL



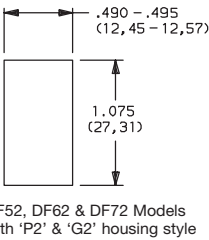
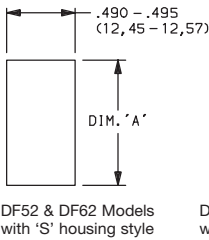
**NOTE:** Not available with 'A' termination.  
Available in black only.

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

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

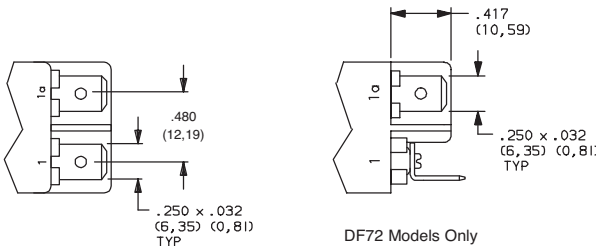
### PANEL MOUNTING

| 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) |



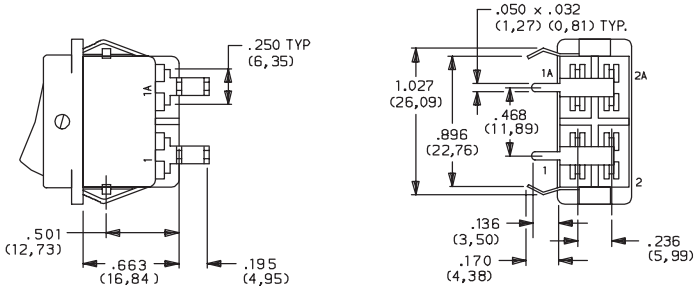
## TERMINATIONS

**15** QUICK CONNECT



DF72 Models Only

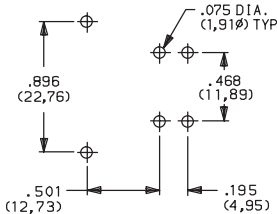
**A** RIGHT ANGLE, PC THRU-HOLE



Actuator shown in Pos. 1

**NOTE:** DF52 and DF62 Models Only

### PC MOUNTING



Third Angle  
Projection

Dimensions are shown: Inches (mm)

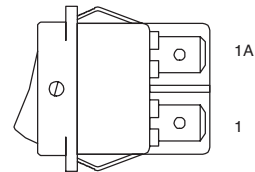
Specifications and dimensions subject to change



DF Series  
Power Rocker Switches

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), 2 AMPS @ 60 V DC; 11 AMPS @ 30 V DC |
|             |                               |         | 16 AMPS @ 125, 250 V AC; 1/4 HP @ 125 V AC; 1/2 HP @ 250 V AC (UL)                                                        |

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

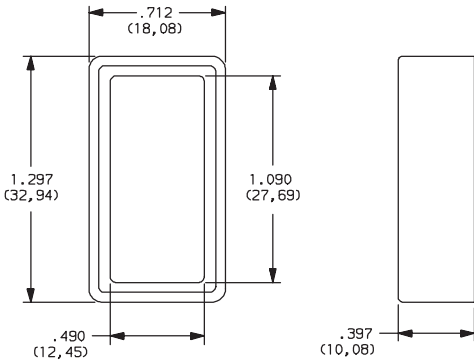
1 CONTACTS: Fine silver, silver plated.

All models 

2 TERMINALS: Copper, silver plated.

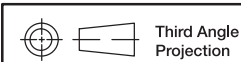
AVAILABLE HARDWARE

Actuator Guard



PART NO.  
**285B02000**

Material: Nylon 6/6  
Finish: Matte



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

