

# C&K 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:  $10^9 \Omega$  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.

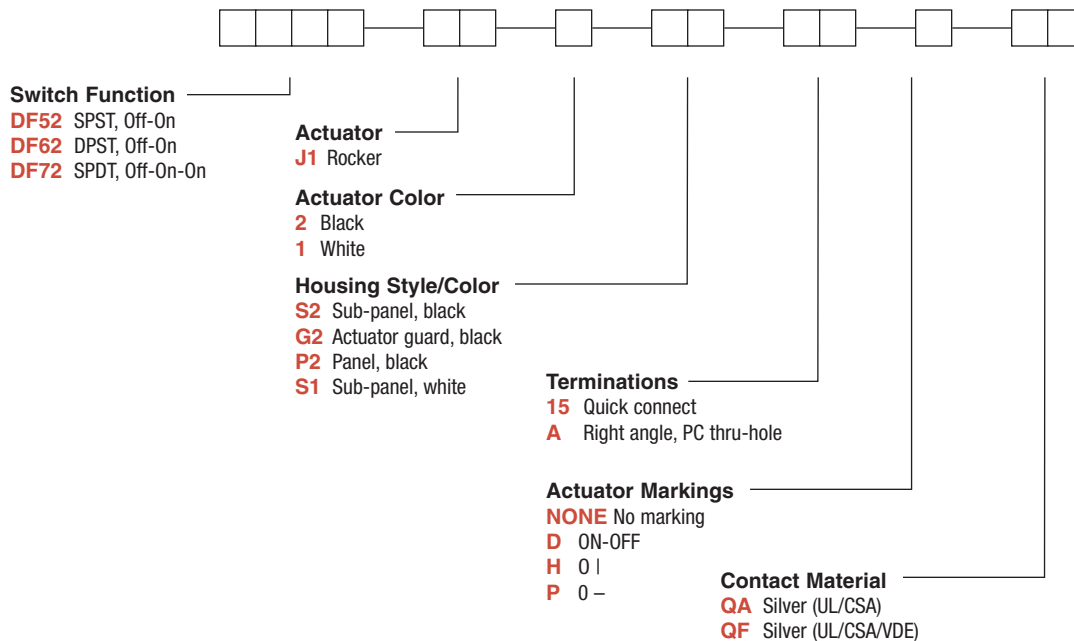
CONTACT SPRING: Music wire or stainless steel.

**NOTE:** For the latest information regarding RoHS compliance, please go to: [www.ittcannon.com/rohs](http://www.ittcannon.com/rohs).

**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-82. For additional options not shown in catalog, consult Customer Service Center.



Rocker



H



ITT

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

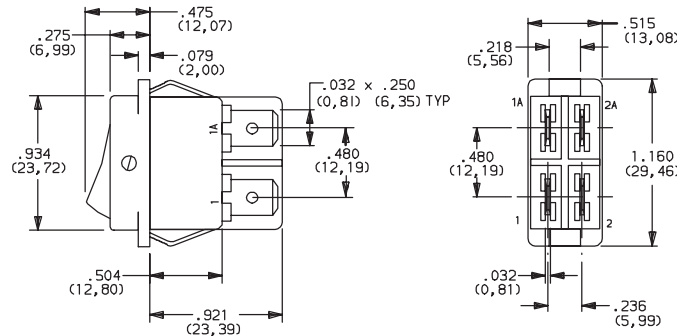
# C&K DF Series Power Rocker Switches

## SWITCH FUNCTION

NO. POLES	MODEL NO.	SWITCH FUNCTION		CONNECTED TERMINALS		SCHEMATIC
		POS. 1	POS. 2	POS. 1	POS. 2	
SP	<b>DF52</b>	OFF	ON	OPEN	1-1A	SPST
DP	<b>DF62</b>	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	<b>DF72</b>	OFF	ON	ON	OPEN	1 / 2-2A	1 / 2-1A 1 / 2-2A	  

### DPST



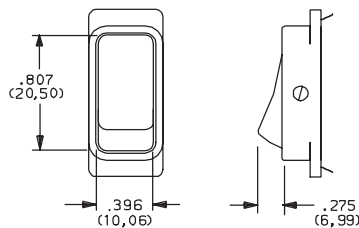
Actuator shown in Pos. 1

Part number shown: DF62J12S215QA

All models with all options. Some models available with , see page H-84.

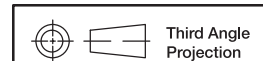
## ACTUATOR

### J1 ROCKER



OPTION CODE	ACTUATOR COLOR
<b>2</b>	BLACK
<b>1</b>	WHITE

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



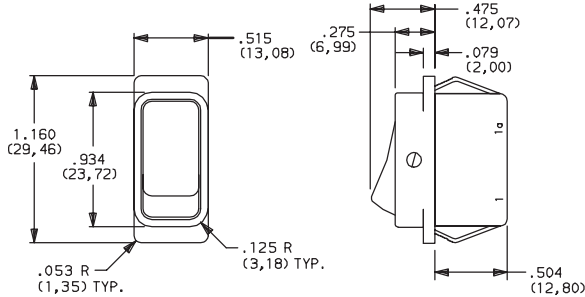
Dimensions are shown: Inch (mm)  
Specifications and dimensions subject to change



# C&K DF Series Power Rocker Switches

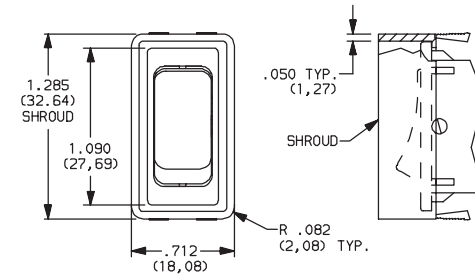
## HOUSING STYLE/COLOR

**S** SUB-PANEL



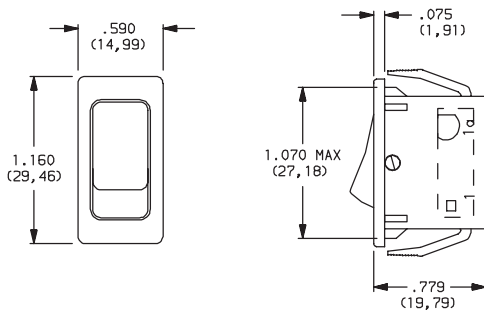
NOTE: DF52 & DF62 models only.

**G2** ACTUATOR GUARD



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

**P** PANEL



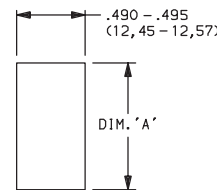
NOTE: Not available with 'A' termination. Available in black only.

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

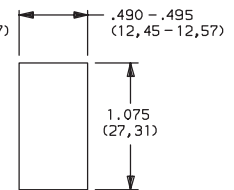
NOTE: Housing finish: matte. Other colors available, consult Customer Service Center.

### 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)



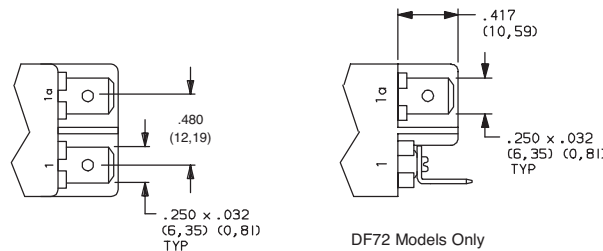
DF52 & DF62 Models with 'S' housing style



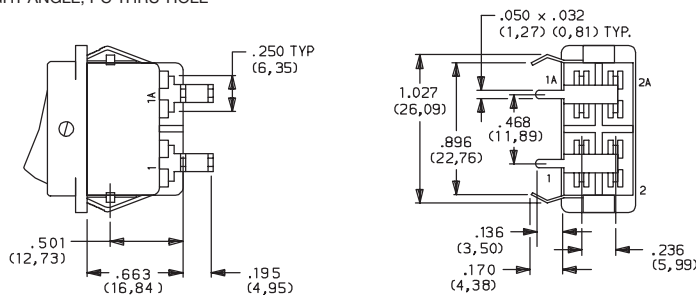
DF52, DF62 & DF72 Models with 'P2' & 'G2' housing style

## TERMINATIONS

**15** QUICK CONNECT



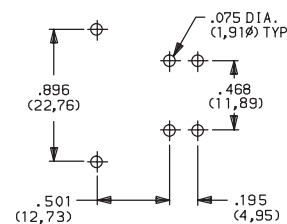
**A** RIGHT ANGLE, PC THRU-HOLE



Actuator shown in Pos. 1

NOTE: DF52 and DF62 Models Only (Not VDE approved)

### PC MOUNTING



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



# C&K DF Series Power Rocker Switches

## ACTUATOR MARKINGS

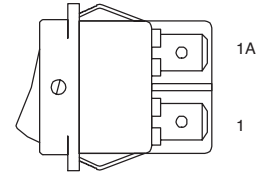


**NONE** NO MARKING

**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	RoHS COMPLIANT *	RoHS COMPATIBLE *	CONTACT AND TERMINAL MATERIAL	RATINGS	
<b>QA</b>	YES	YES	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).
<b>QF</b>	YES	YES			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.

<sup>1</sup> CONTACTS: Fine silver, silver plated.

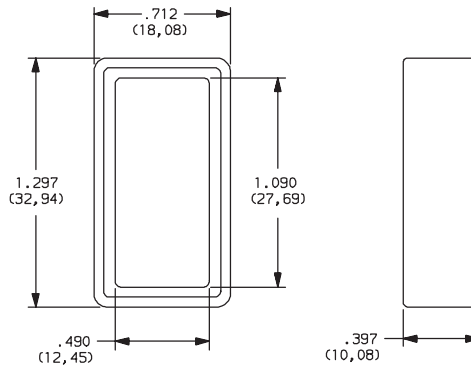
<sup>2</sup> TERMINALS: Copper, silver plated.

**NOTE:** For the latest information regarding RoHS compliance, please go to:  
[www.ittcannon.com/rohs](http://www.ittcannon.com/rohs).

All models with all options, models with '15' termination and 'QF' contact material also .

## AVAILABLE HARDWARE

### Actuator Guard



### PART NO.

**285B02000**

Material: Nylon 6/6  
Finish: Matte



Third Angle Projection

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

Rocker



H