

# DM Series

## Miniature 2 Pole Power Rocker Switches



### Features/Benefits

- 3 AMPS to 10 AMPS
- Quick connect terminals
- Double pole in miniature size
- Recessed bracket available—prevents accidental actuation
- RoHS compliant

### Typical Applications

- Computers
- Appliances
- Electric tools

UL 61058-1 c  15

### Specifications

#### CONTACT RATING:

DM21, DM22:

GP (general purpose)

3 AMPS 125 VAC 50/60 Hz T85 10,000 cycles  
2 AMPS 250 VAC 50/60 Hz T85 10,000 cycles

R (resistive)

3 AMPS 30 VDC T85 10,000 cycles

DM61, DM62:

GP (general purpose)

10 AMPS 125 VAC 50/60 Hz T85 10,000 cycles  
5 AMPS 250 VAC 50/60 Hz T85 10,000 cycles

R (resistive)

10 AMPS 30 VDC T85 10,000 cycles

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 +65°C

### Materials

HOUSING & ACTUATOR: 6/6 nylon (UL94V-2), black.

MOVABLE CONTACTS: DM2X Models: Copper, silver plated.

DM6X Models: Coin silver, silver plated.

STATIONARY CONTACTS & TERMINALS: Copper or brass, silver plated.

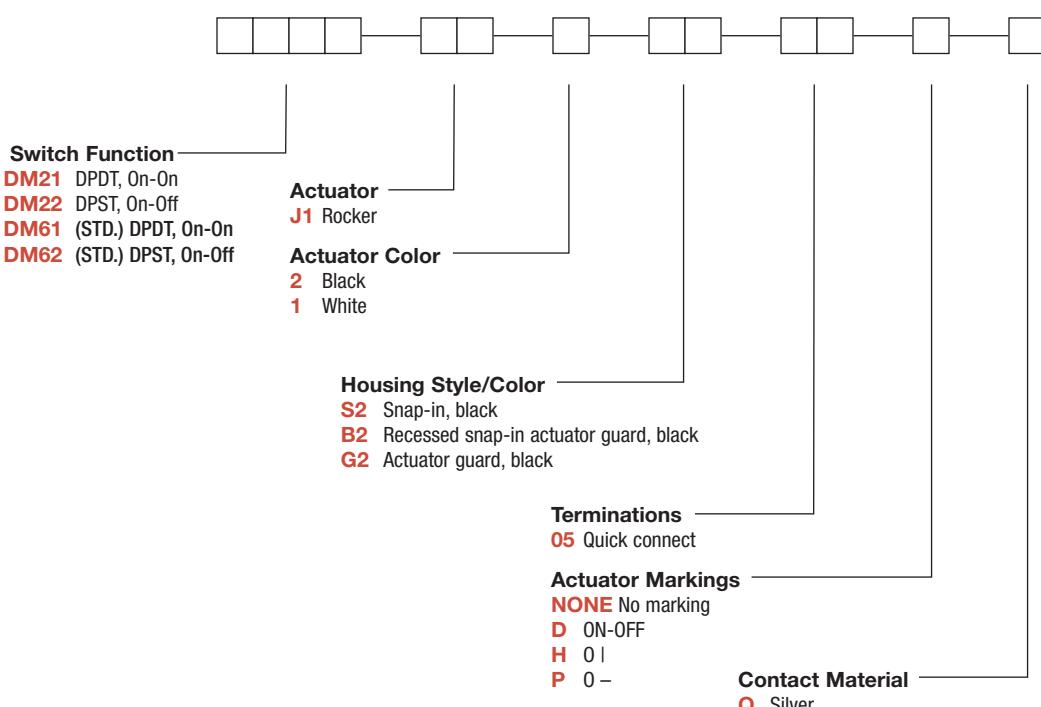
CONTACT SPRING: Music wire or stainless steel.

**NOTE:** Any models supplied with Q contact material are RoHS compliant.

**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-71 and G-73. For additional options not shown in catalog, consult Customer Service Center.



Rocker



G

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

# DM Series

## Miniature 2 Pole Power Rocker Switches

### SWITCH FUNCTION



NO. POLES	MODEL NO.	AMP RATING*	SWITCH FUNCTION		CONNECTED TERMINALS		SCHEMATIC
			POS. 1	POS. 2	POS. 1	POS. 2	
DP	DM22	3	ON	OFF	1-1A, 2-2A	OPEN	DPST
	DM62	10					
	DM21	3	ON	ON	1-1A, 2-2A	1-1B, 2-2B	DPDT
	DM61	10					
<b>DPDT</b>			 Actuator shown in pos. 1 - 'ON' position.		 TERMINAL NUMBERS FOR REFERENCE ONLY		

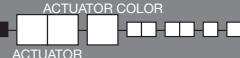
Part number shown: DM61J12S205Q

RATINGS: See page G-72 for complete ratings.

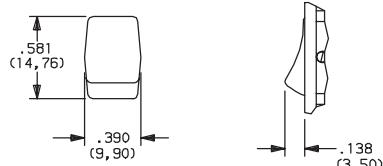


UL 61058-1 tested to 30C temperature rise @ 6,000 cycles.

### ACTUATOR



#### J1 ROCKER



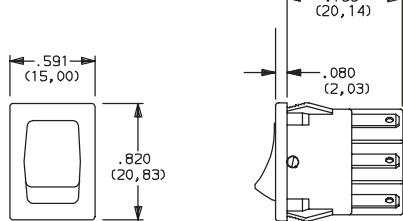
OPTION CODE	ACTUATOR COLOR
2	BLACK
1	WHITE

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

### HOUSING STYLE/COLOR

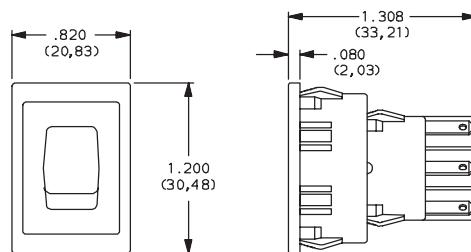


#### S2 SNAP-IN, BLACK

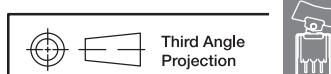


NOTE: Housing finish: matte. Other colors available, consult Customer Service Center.

#### B2 RECESSED SNAP-IN ACTUATOR GUARD, BLACK



Rocker



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



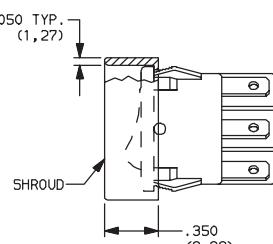
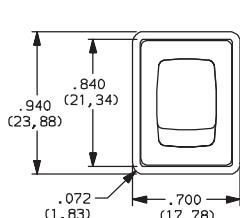
# DM Series

## Miniature 2 Pole Power Rocker Switches

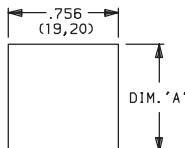
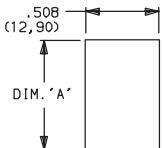
### HOUSING STYLE/COLOR

**G2** ACTUATOR GUARD, BLACK

**NEW!**



#### PANEL MOUNTING

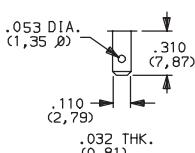


**NOTE:** Blank insert available for SP models only, see page H-76.

PANEL THICKNESS	DIM 'A' 'S2' & 'G2' HOUSING STYLES	DIM 'A' 'G2' OPTION SP MODELS ONLY	DIM 'A' 'B2' HOUSING STYLES
.030-.049 (0,76) (1,24)	.756 (19,20)	0.764 (19,41)	1.068 (27,13)
.049-.079 (1,24) (2,01)	.764 (19,41)	0.780 (19,81)	1.076 (27,33)
.079-.118 (2,01) (3,00)	.780 (19,81)	n/a	1.092 (27,74)

### TERMINATIONS

**05** QUICK CONNECT



### ACTUATOR MARKINGS

**NONE** NO MARKING



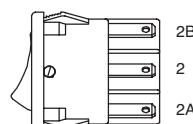
**D** ON-OFF



**H** O I



**P** O -



**NOTE:** Orientation of actuator markings and terminals.

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

### CONTACT MATERIAL

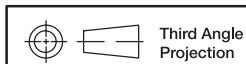
OPTION CODE	CONTACT AND TERMINAL MATERIAL	RATINGS			
		DM21, DM22:	GP (general purpose)	3 AMPS 125 VAC 50/60 Hz T85 10,000 cycles	2 AMPS 250 VAC 50/60 Hz T85 10,000 cycles
	SILVER 1,2		R (resistive)	3 AMPS 30 VDC T85 10,000 cycles	
		DM61, DM62:	GP (general purpose)	10 AMPS 125 VAC 50/60 Hz T85 10,000 cycles	
			R (resistive)	5 AMPS 250 VAC 50/60 Hz T85 10,000 cycles	
				10 AMPS 30 VDC T85 10,000 cycles	

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

1 MOBILE CONTACT: DM2X Models: Copper, silver plated.  
DM6X Models: Coin silver, silver plated.

2 STATIONARY CONTACTS & TERMINALS: Copper or brass, silver plated.

**NOTE:** Any models supplied with Q contact material are RoHS compliant.



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

Rocker



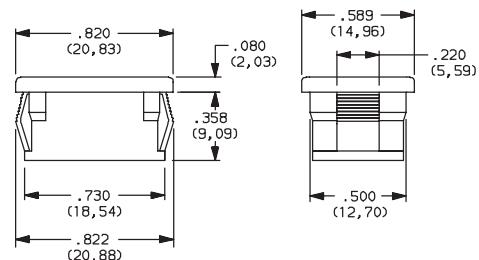
**C&K**

# DM Series

## Miniature 2 Pole Power Rocker Switches

### AVAILABLE HARDWARE

Insert



PART NO.

**057190200**

Material: Nylon 6/6  
Finish: Matte

Recessed Actuator Guard

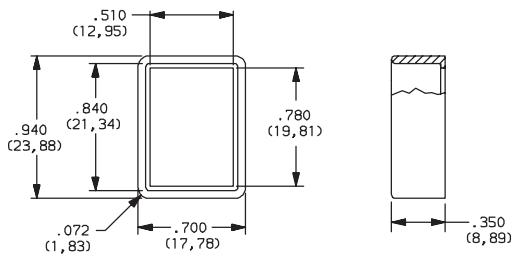


PART NO.

**599D02000**

Material: 6/6 Nylon  
Finish: Matte

Actuator Guard



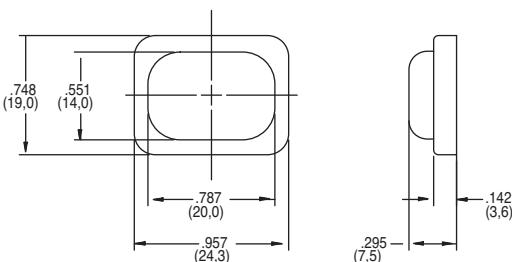
PART NO.

**104C22000**

Material: PBT thermoplastic  
Finish: Matte

PART NO.

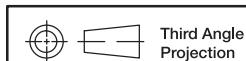
**216C00000** IP65 SPLASH PROOF RUBBER BOOT



Rocker



G



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Specifications and dimensions subject to change

[www.ck-components.com](http://www.ck-components.com)