

C&K 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



Specifications

CONTACT RATING: DM2X Models: 3 AMPS @ 125 V AC; 2 AMPS @ 250 V AC (UL/CSA). DM6X Models: 10 AMPS @ 125 V AC; 5 AMPS @ 250 V AC (UL/CSA). 6 AMPS @ 125 V AC, 3 AMPS @ 250 V AC, T85 (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 (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. For the latest information regarding RoHS compliance, please go to: 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-71 and H-74. For additional options not shown in catalog, consult Customer Service Center.

Switch Function DM21 DPDT, On-On DM22 DPST, On-Off DM61 (STD.) DPDT, On-On DM62 (STD.) DPST, On-Off	Actuator J1 Rocker Actuator Color 2 Black 1 White	Housing Style/Color S2 Snap-in, black B2 Recessed snap-in actuator guard, black G2 Actuator guard, black	Terminations 05 Quick connect Actuator Markings NONE No marking D ON-OFF H 0 I P 0 -	Contact Material Q Silver
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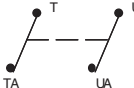
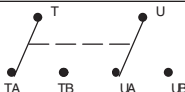
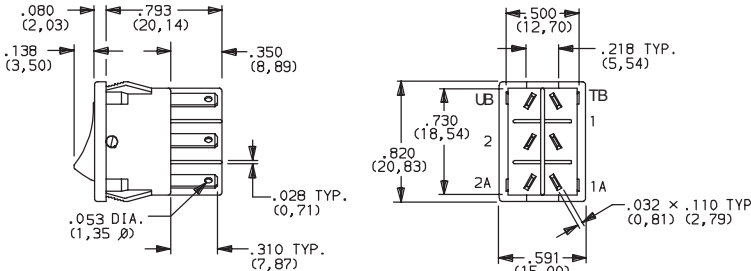
Rocker



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SWITCH FUNCTION

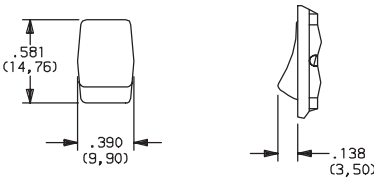
NO. POLES	MODEL NO.	AMP RATING*	SWITCH FUNCTION		CONNECTED TERMINALS		SCHEMATIC
			POS. 1	POS. 2	POS. 1	POS. 2	
							
DP	DM22	3	ON	OFF	1-1A, 2-2A	OPEN	
	DM62	10					
	DM21	3	ON	ON	1-1A, 2-2A	1-1B, 2-2B	
	DM61	10					
DPDT  Actuator shown in posOT – 'ON' positionO Part number shown: DM61J12S205Q TERMINAL NUMBERS FOR REFERENCE ONLY							

* RATINGS: See page H-75 for complete ratings.

All models with all options. DM6X models also

ACTUATOR

J1 ROCKER

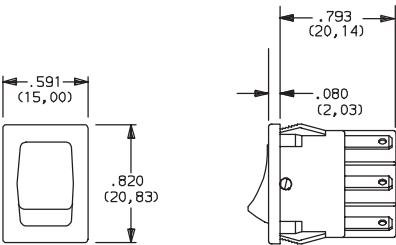


OPTION CODE	ACTUATOR COLOR
2	BLACK
1	WHITE

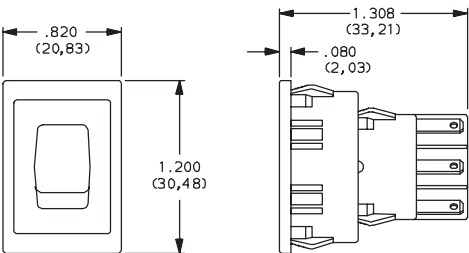
NOTE: Actuator finish: matte. Other colors available, consult Customer Service Center.

HOUSING STYLE/COLOR

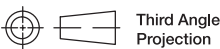
S2 SNAP-IN, BLACK



B2 RECESSED SNAP-IN ACTUATOR GUARD, BLACK



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



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

Rocker



H

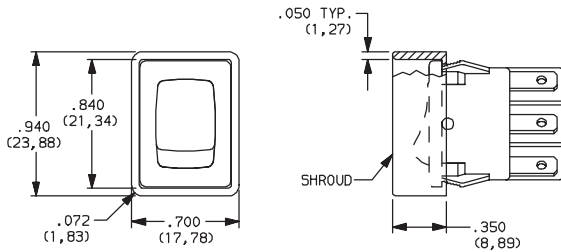
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Miniature 2 Pole Power Rocker Switches

HOUSING STYLE/COLOR

G2 ACTUATOR GUARD, BLACK

NEW!



PANEL MOUNTING



'S2' & 'G2' housing styles

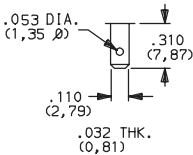
'B2' housing style

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



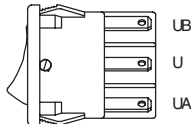
ACTUATOR MARKINGS

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	RoHS COMPLIANT *	RoHS COMPATIBLE *	CONTACT AND TERMINAL MATERIAL	RATINGS	
Q	YES	YES	SILVER 1,2	POWER	DM2X Models: 3 AMPS @ 125 V AC; 2 AMPS @ 250 V AC (UL/CSA). DM6X Models: 10 AMPS @ 125 V AC; 5 AMPS @ 250 V AC (UL/CSA). 6 AMPS @ 125 V AC; 3 AMPS @ 250 V AC, T85 (VDE).

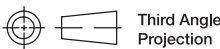
* Note: See Technical Data section of this catalog for RoHS compliant and compatible definitions and specifications.

1 MOVABLE 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. For the latest information regarding RoHS compliance, please go to: www.itccannon.com/rohs.

All models with all options. DM6X models also



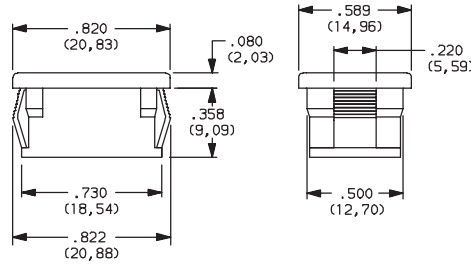
Third Angle Projection

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

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AVAILABLE HARDWARE

Insert



PART NO.
057190200

Material: Nylon 6/6
Finish: Matte

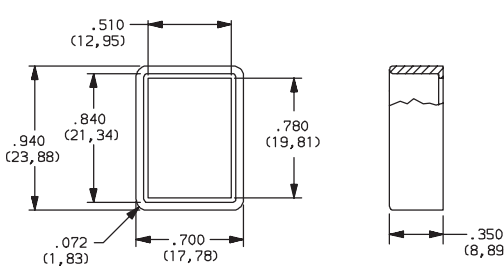
Recessed Actuator Gaurd



PART NO.
057090100

Material: 6/6 Nylon
Finish: Matte

Actuator Gaurd



PART NO.
104C02000

Material: PBT thermoplastic
Finish: Matte