

DT Series

Miniature Power Rocker Switches



Features/Benefits

- Illuminated versions available
- Double pole switching in miniature package
- Snap-in mounting
- RoHS compliant

Typical Applications

- Small appliances
- Computers and peripherals
- Medical instrumentation



Specifications

CONTACT RATING:
UL/CSA: 8 AMPS @ 125 VAC, 4 AMPS @ 250 VAC
VDE: 10 AMPS @ 125 VAC, 6 AMPS @ 250 VAC.
ELECTRICAL LIFE: 10,000 make and break cycles at full load.
INSULATION RESISTANCE: $10^8 \Omega$ min.
DIELECTRIC STRENGTH: 1,500 VRMS @ sea level.
OPERATING TEMPERATURE: -20°C to +85°C

Materials

HOUSING AND ACTUATOR: 6/6 nylon (UL94V-2), black, matte finish.
ILLUMINATED ACTUATOR: Polycarbonate, matte finish.
CENTER CONTACTS: Silver plated, copper alloy.
END CONTACTS: Silver plated AgCdo.
ALL TERMINALS: Silver plated, copper alloy.

NOTE: Specifications and materials listed above are for switches with standard options.
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-67 through G-69. For additional options not shown in catalog, consult Customer Service Center.

Switch Function DT12 SPST On-None-Off DT22 DPST On-None-Off		Actuator J1 Rocker J2 Two-tone rocker J3 Illuminated rocker		Actuator Color 1-5 See Chart on Page G-68 R Red, illuminated A Amber, illuminated G Green, illuminated		Mounting Style/Color S2 Snap-in, black S1 Snap-in, white B2 Recessed snap-in bracket, black G2 Guard, black		Termination 15 .187" quick connect 02 PC Thru-hole A Right angle, PC thru-hole		Actuator Marking (NONE) No marking D ON-OFF H "O I" - international ON-OFF N Large dot P "O -" international ON-OFF		Contact Rating QA Silver (UL/CSA) QF Silver (VDE)*		Lamp Rating (NONE) No lamp 7 125 VAC neon 8 250 VAC neon	
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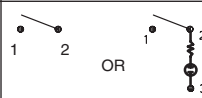
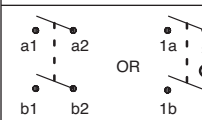
* QF available with termination 15 only.

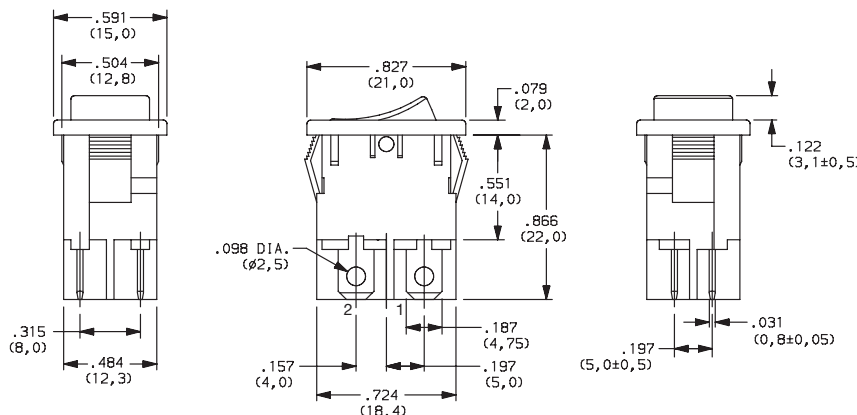


Dimensions are shown: Inches (mm)
Specifications and dimensions subject to change

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SWITCH FUNCTION

NO. POLES	MODEL NO.	SWITCH FUNCTION		CONNECTED TERMINALS		SCHEMATIC
		POS 1	POS 3	POS 1	POS 3	
						
		C&K marking on opposite side		C&K marking on opposite side		
SP	DT12	ON	OFF	2-1	OPEN	 For Illuminated Versions
DP	DT22	ON	OFF			 For Illuminated Versions



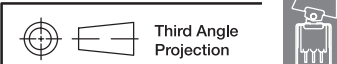
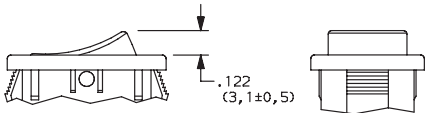
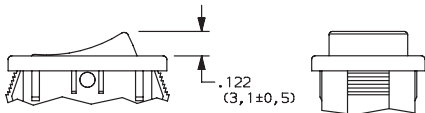
Technical drawings of the switch showing dimensions in inches and millimeters:

- Top view: .591 (15,0) total width, .504 (12,8) mounting hole spacing, .315 (8,0) terminal spacing, .484 (12,3) terminal width.
- Side view: .827 (21,0) total height, .079 (2,0) terminal height, .551 (14,0) mounting hole depth, .866 (22,0) terminal height, .098 DIA. (ø2,5) mounting hole diameter, .157 (4,0) terminal height, .724 (18,4) terminal width.
- Bottom view: .122 (3,1±0,5) terminal height, .031 (0,8±0,05) terminal width, .197 (5,0±0,5) terminal width.

ACTUATOR

- J1 ROCKER
- J3 ILLUMINATED ROCKER

- J2 TWO-TONE ROCKER



Third Angle
Projection

Dimensions are shown: Inches (mm)
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DT Series

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ACTUATOR COLOR

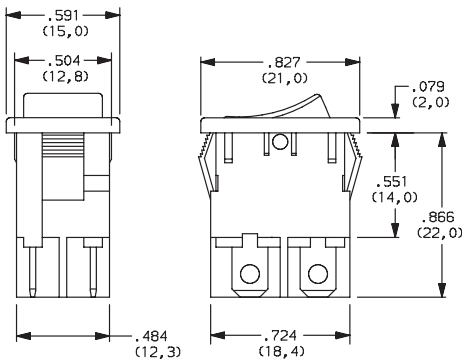
	OPTION CODE	ACTUATOR COLOR
For J1 only	2	BLACK
	1	WHITE
	3	RED
For J3 only	R	RED, ILLUMINATED
	A	AMBER, ILLUMINATED
	G	GREEN, ILLUMINATED

OPTION CODE	ACTUATOR COLOR	
	TOP	BOTTOM
1	WHITE	RED
2	WHITE	BLACK
3	RED	WHITE
4	BLACK	WHITE
5	BLACK	RED

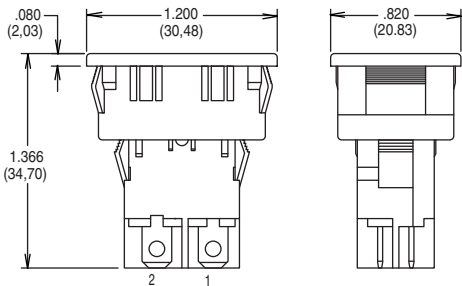
J2 actuator only

MOUNTING STYLE/COLOR

S2 SNAP-IN, BLACK
S1 SNAP-IN, WHITE

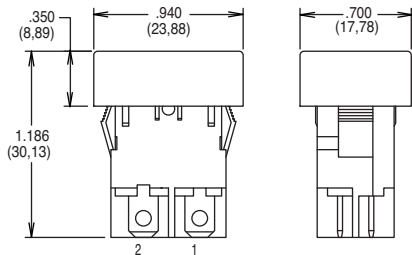


B2 RECESSED SNAP-IN BRACKET, BLACK

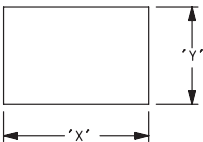


NOTE: Available with DT102 switch functions only.

G2 GUARD, BLACK



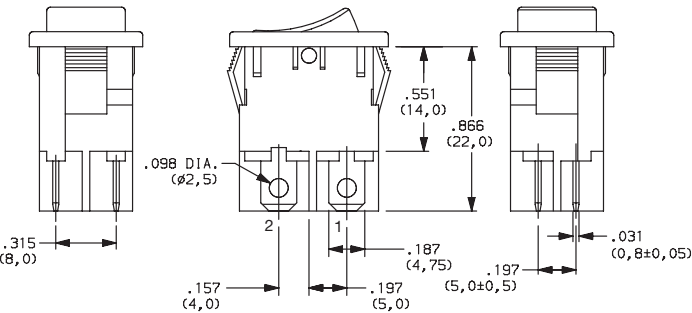
PANEL MOUNTING



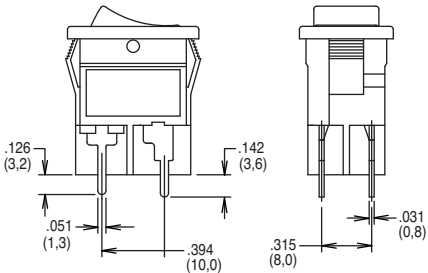
PANEL THICKNESS	"X"	"Y"
0.030-0.049 (0,75-1,25)	0.756-.004 (19,2-0,1)	0.512+.004 (13,0+0,1)
0.049-0.079 (1,25-2,0)	0.764-.004 (19,4-0,1)	0.512+.004 (13,0+0,1)
0.079-0.118 (2,0-3,0)	0.780-.004 (19,8-0,1)	0.512+.004 (13,0+0,1)

TERMINATION

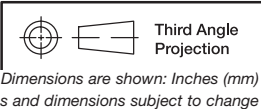
15 .187" QUICK CONNECT



02 PC THRU-HOLE



NOTE: No VDE approval of this option.



Rocker



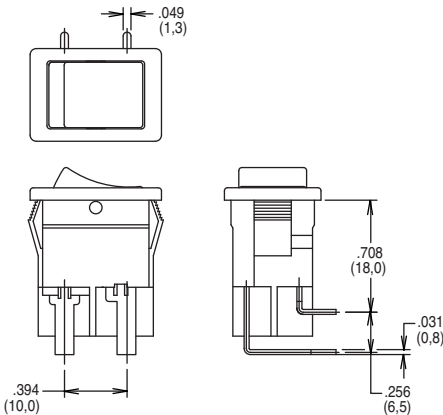
G



DT Series Miniature Power Rocker Switches

TERMINATION

A RIGHT ANGLE, PC THRU-HOLE



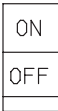
NOTE: No VDE approval of this option.

ACTUATOR MARKING

NONE NO MARKING



D ON-OFF



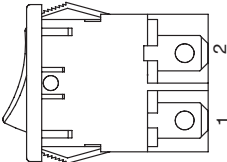
H O-I



N LARGE DOT



P O -



NOTE: Orientation of actuator marking and terminals.

CONTACT MATERIAL

OPTION CODE	CONTACT AND TERMINAL MATERIAL	RATINGS	
		POWER	8 AMPS @ 125 VAC; 4 AMPS @ 250 VAC (UL/CSA)
QA	SILVER	POWER	10 AMPS @ 125 VAC; 6 AMPS @ 250 VAC (VDE)
QF	SILVER	POWER	

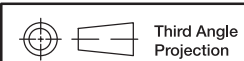
*1 QF available with termination 15 only.

LAMP RATING

(NONE) NO LAMP

7 125 VAC 33kΩ NEON

8 250 VAC 150kΩ NEON



Dimensions are shown: Inches (mm)
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[DT12J3RS215QA7](#) [DT22J12S202HQA](#) [DT22J12S215HQA](#) [DT22J12S215PQF](#) [DT22J12S2APQA](#) [DT22J12S2AQA](#)
[DT22J3AS202HQA8](#) [DT22J3AS215HQA8](#) [DT22J3GS2AHQA7](#) [DT22J3RS215HQA7](#) [DT22J3RS215PQA7](#)
[DT22J3RS215PQA8](#) [DT22J3RS215QF8](#) [DT22J12S2AHQA](#)