

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.

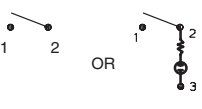
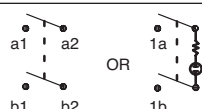
Switch Function DT12 SPST On-None-Off DT22 DPST On-None-Off
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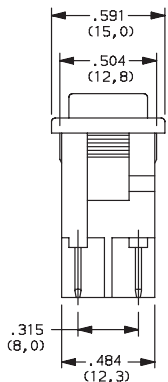
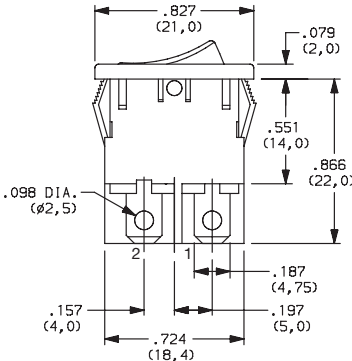
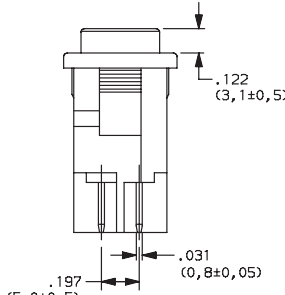
* QF available with termination 15 only.



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SWITCH FUNCTION

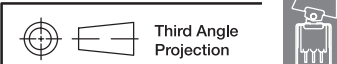
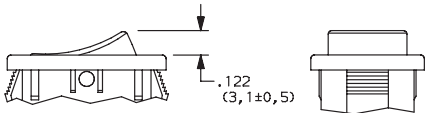
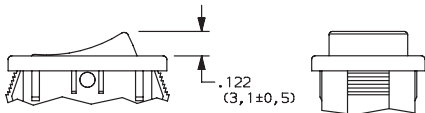
NO. POLES	MODEL NO.	SWITCH FUNCTION		CONNECTED TERMINALS		SCHEMATIC
		POS 1	POS 3	POS 1	POS 3	
						
		C&K marking on opposite side		C&K marking on opposite side		
SP	DT12	ON	OFF	2-1	OPEN	 For Illuminated Versions
DP	DT22	ON	OFF			 For Illuminated Versions

ACTUATOR

- J1 ROCKER
- J3 ILLUMINATED ROCKER

- J2 TWO-TONE ROCKER



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

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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

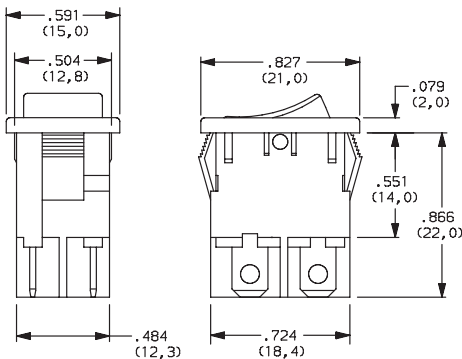
OPTION CODE	ACTUATOR COLOR	
	TOP	BOTTOM
1	WHITE	RED
2	WHITE	BLACK
3	RED	WHITE
4	BLACK	WHITE
5	BLACK	RED

J2 actuator only

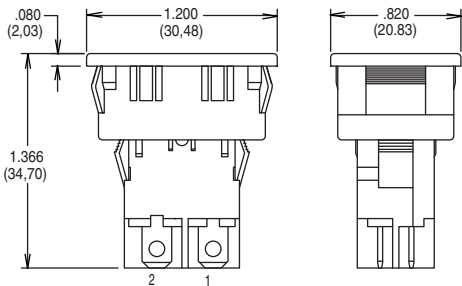
MOUNTING STYLE/COLOR

S2 SNAP-IN, BLACK

S1 SNAP-IN, WHITE

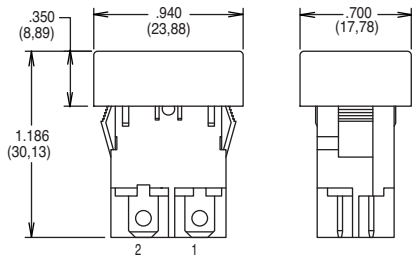


B2 RECESSED SNAP-IN BRACKET, BLACK

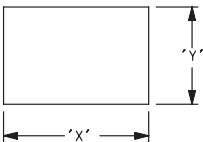


NOTE: Available with DT102 switch functions only.

G2 GUARD, BLACK



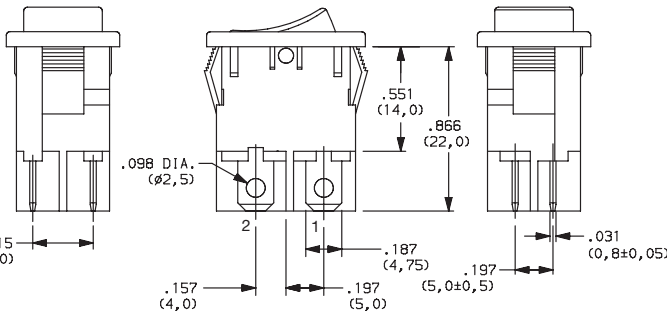
PANEL MOUNTING



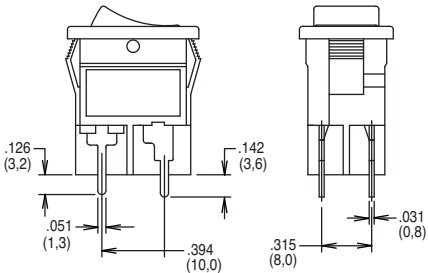
PANEL THICKNESS	"X"	"Y"
0.030-0.049 (0,75-1,25)	0.756-.004 (19,2-0,1)	0.512+.004 (13,0+0,1)
0.049-0.079 (1,25-2,0)	0.764-.004 (19,4-0,1)	0.512+.004 (13,0+0,1)
0.079-0.118 (2,0-3,0)	0.780-.004 (19,8-0,1)	0.512+.004 (13,0+0,1)

TERMINATION

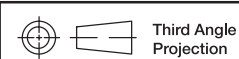
15 .187" QUICK CONNECT



02 PC THRU-HOLE



NOTE: No VDE approval of this option.



Dimensions are shown: Inches (mm)

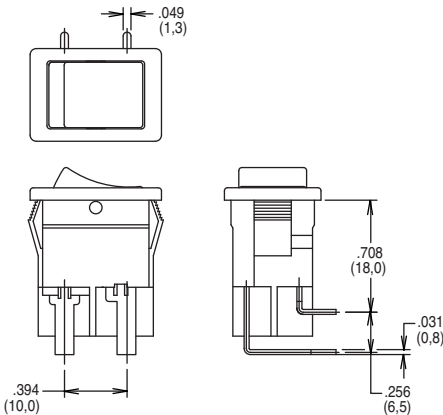
Specifications and dimensions subject to change

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TERMINATION

A RIGHT ANGLE, PC THRU-HOLE



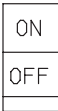
NOTE: No VDE approval of this option.

ACTUATOR MARKING

NONE NO MARKING



D ON-OFF



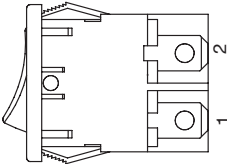
H O-I



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	

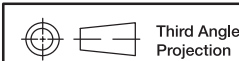
*1 QF available with termination 15 only.

LAMP RATING

(NONE) NO LAMP

7 125 VAC 33kΩ NEON

8 250 VAC 150kΩ NEON



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

www.ck-components.com



Mouser Electronics

Authorized Distributor

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[DT12J3RS215QA7](#) [DT22J12S202HQA](#) [DT22J12S215HQA](#) [DT22J12S215PQF](#) [DT22J12S2APQA](#) [DT22J12S2AQA](#)
[DT22J3AS202HQA8](#) [DT22J3AS215HQA8](#) [DT22J3GS2AHQA7](#) [DT22J3RS215HQA7](#) [DT22J3RS215PQA7](#)
[DT22J3RS215PQA8](#) [DT22J3RS215QF8](#) [DT22J12S2AHQA](#)