Rocker Switch

Single Pole
TR Series



Features
- Lighted & non-lighted versions available
- Maintained and momentary action
- 16 A switching in 1 mm wide packaging
- RoHS compliant
- Minimum 10,000 operations mechanical life

Standard Parts[1]

North America and Europe		Europe Only		
TRG22F2BBRLN	TRG22F2FBBNN	TRG22F2BBGEN	TRG22F2BBGLN	TRG22F2BBREN

[1]The part number configuration matrix below provides details to the part numbers above. For configurable part numbers that are not listed above, contact the factory or your distributor.

Part Number Breakdown

TRG22F2FBBNN01

TR G 2 2 F 2

Series	Contact Rating[1]	Circuitry	Switch Function	Terminal Type	Actuator Type
TR	G	2 Single pole	2 ON-OFF 3 ON-ON 5 (ON)-OFF 6 (ON)-ON	F 6.4 mm (0.250") quick connect	2 Curve 5 Flat

[1]See Electrical Specifications section

F B B N N

Actuator Marking	Housing Color	Actuator Color[2]	Lighted	Body Type
B Blank	B Black	A Amber	N Non-lighted	N No Rocker Boot
C LO HI	C Brown	B Black	E 250 VAC bulb	
D OFF ON	E Charcoal Grey	E Charcoal Grey	L 125 VAC bulb	
E O I	W White	G Green	F 5 VDC bulb[3]	
F O —	Y Grey	R Red	G 6 VDC bulb[3]	
		W White	H 12 VDC bulb[3]	
		Y Grey		

[2]Charcoal Grey, White, Grey not available for illuminated actuator
[3]Switches have no agency DC ratings

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Electrical Specifications

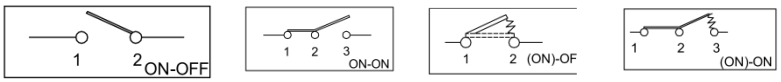
Inrush Rating – 2 Position			48 A
Inrush Rating – 3 Position			24 A
Dielectric Strength			1000 VAC for 1 minute
Insulation Resistance			100 MΩ min at 500 VDC
Initial Contact Resistance			0.020 Ω max
Switch Function	EN61058-1 Rating	UL General Purpose Rating	UL HP Rating
All	16 (4) A 250 VAC ~T85/55	16 A 125 VAC / 16 A 250 VAC	¼ HP 125 VAC / ¾ HP 250 VAC
Electrical Life at Rated Load	VDE	UL	
Minimum Operations	10,000	6,000	

UL File No: E23301

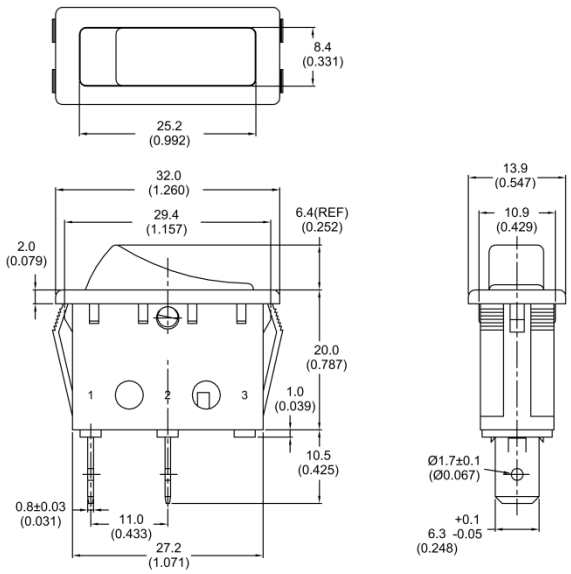
Material and Environmental Specifications

Actuator, non-lighted	Nylon 66 94V-2
Actuator, lighted	Polycarbonate
Base	Nylon 66 94V-2
Spring	Steel Wire
Contacts	Silver Alloy
Movable Arm	Silver-Plated Copper Alloy
Terminals	Silver-Plated Copper Alloy
Operating Temperature Range	-20 °C to +85 °C (-4 °F to +185 °F)

Circuitry and Switch Functions



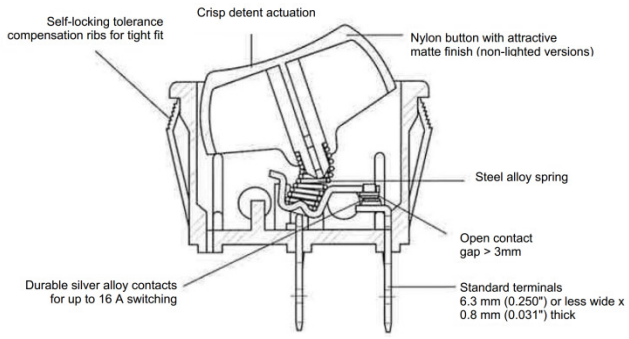
Dimensions mm (inches)



NOTE:TOLERANCES UNLESS OTHERWISE SPECIFIED: ± 0.3 (0.012)

Recommended Panel Cut-Out Dimensions

Panel thickness	X Dimension	Y Dimension
0.75 to 1.25 (0.030 to 0.049)	30.23 (1.19)	11.00 (0.433)
1.25 to 2.00 (0.049 to 0.079)	30.48 (1.20)	11.00 (0.433)
2.00 to 3.00 (0.079 to 0.118)	30.73 (1.21)	11.00 (0.433)



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