Rocker Switch

Single Pole

CR Series



Features

- Rugged design rated for 20 A UL (16 A VDE)
- Washable option available
- Two-color actuator available

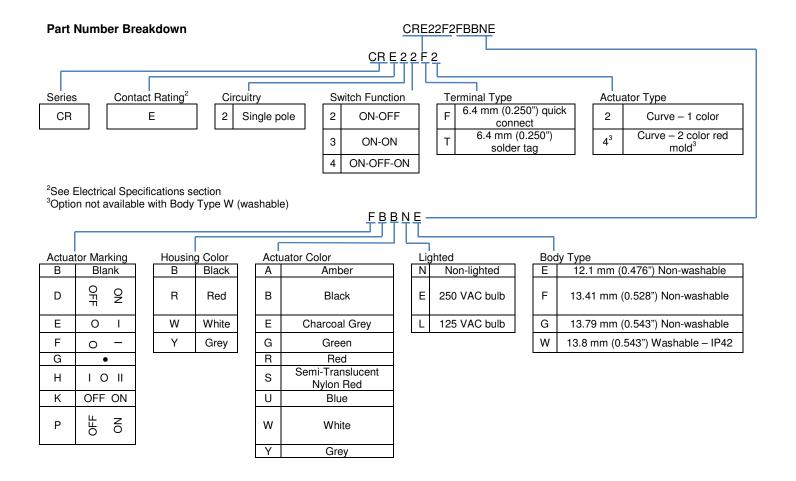
- RoHS Compliant
- · Lighted and non-lighted versions
- Minimum 100,000 operations mechanical life

Standard Parts¹

	North Americ	Europe		
CRE22F2BBALE CRE22F2BBBNE	CRE22F2BBULE CRE22F2FBBNE	CRE22F2PBBNE CRE22F4BBBNE	CRE22F4FBBNE CRE23F2BBBNE	CRE22F2BBAEE CRE22F2BBGEE
CRE22F2BBGLE CRE22F2BBRLE	CRE22F2FBRNE	CRE22F4DBBNE	CRE24F2HBBNE	CRE22F2BBREE

¹The part number configuration matrix below provides details to the part numbers above.

For configurable part numbers that are not listed above or for custom part numbers, contact the factory or your distributor.





Electrical Specifications

Inrush Rating				24 A
Dielectric Strength			1000	VAC for 1 minute
Insulation Resistance			100 Mg	Ω min at 500 VDC
Initial Contact Resistance				0.020 Ω max
Electrical Ratings				
Switch Function	<u>EN61058-1</u>	UL Gen Purpose 1054	<u>UL HP</u>	<u>VDC⁴</u>
2 and 3	16 (4) A 250 VAC T125/55	20 A 125 VAC / 16 A 250 VAC	3/4 HP 250 VAC	20 A 14 VDC
4	16 (4) A 250 ~ μ T125/55	20 A 125 VAC / 16A 250 VAC	3/4 HP 250 VAC	20 A 14 VDC
Electrical Life at Rated Load	<u>VDE</u>	<u>UL</u>		
Minimum Operations	10,000	6,000		

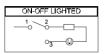
UL File No: E23301

Material and Environmental Specifications

material and Environmental opcomoutions	
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	Tin-Plated Copper Alloy
Operating Temperature Range	-20 °C to +85 °C (-4 °F to +185 °F)

Circuitry and Switch Functions

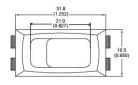




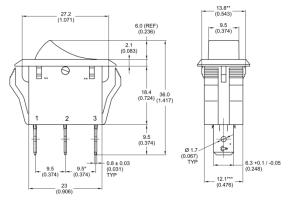




Dimensions mm (inches)

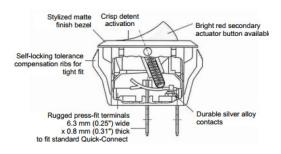


Recommended Panel Cut-Out Dimensions						
Panel thickness	Body Type E	Body Type G	Body Type W			
0.75 to 1.25 mm	28.6 +0.1/-0 x 12.2 +0.1/-0	28.6 +0.1/-0 x 13.9 +0.1/-0	28.6 +0.1/-0 x 13.9 +0.1/-0			
1.25 to 2.00 mm	28.8 +0.1/-0 x 12.2 +0.1/-0	28.8 +0.1/-0 x 13.9 +0.1/-0	28.8 +0.1/-0 x 13.9 +0.1/-0			
2.00 to 3.00 mm	29.2 +0.1/-0 x 12.2 +0.1/-0	29.2 +0.1/-0 x 13.9 +0.1/-0	29.2 +0.1/-0 x 13.9 +0.1/-0			





ALL TOLERANCES $\pm~0.3~\text{mm}$ (0.012 in) UNLESS OTHERWISE SPECIFIED





⁴DC ratings not agency approved