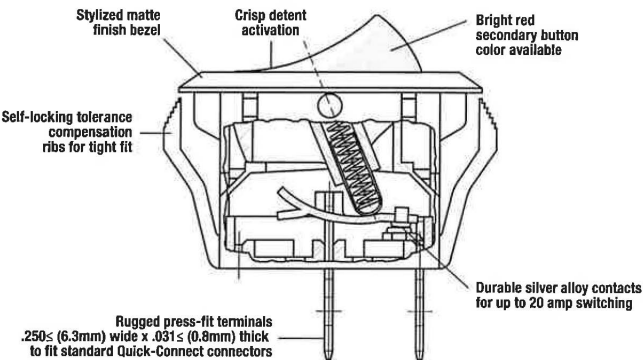


Single-Pole Rocker Switch

CR Series



Features

- Rugged design to switch up to 20 amps
- 2-color molded button available
- Fits 3 panel cut-out widths
- Splash-proof option available
- Mechanical life: min. 100,000 operations

Electrical Ratings				
Switch Series	EN61058 Rating	UL1054 Rating	Electrical Life at Rated Load	
			According to VDE (Min. Operations)	According to UL (Min. Operations)
CR	16(4)A, 250V~, T125/55	20A 125 VAC; 16A 250VAC; 3/4HP 250VAC	10,000	6,000

Electrical Specifications		Material Specifications	
Ratings:	20A, 125VAC; 16A 250VAC; 3/4HP cULus 16(4)A, 250V~ T125/55 (VDE)	Actuator (non-lighted): (lighted):	Nylon 66 94V-2 Polycarbonate
Dielectric Strength:	1000VAC for 1 minute	Base:	Nylon 66 94V-2
Insulation Resistance:	100M ohms min at 500VDC	Spring:	Steel Wire
Initial Contact Resistance:	0.020 ohms max	Contacts:	Silver Alloy
Temperature Range:	-20°C to + 85°C	Movable Arm:	Silver-Plated Copper Alloy
		Terminals:	Tin-Plated Copper Alloy

RoHS Compliant
UL File No: E23301



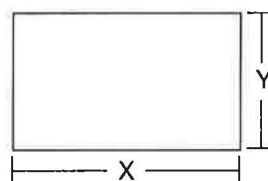
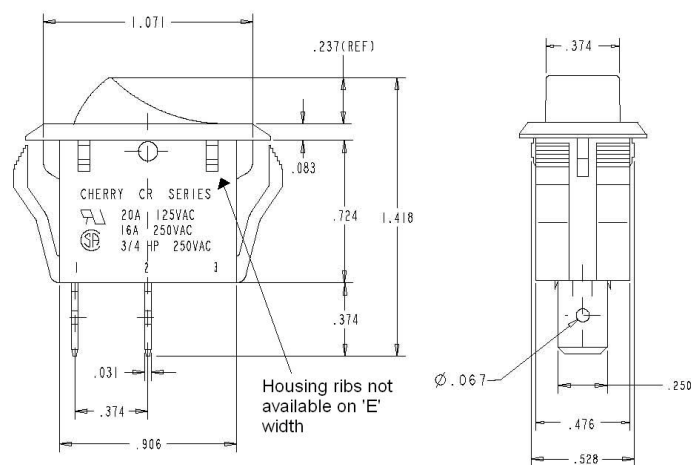
Specifications subject to change without notice.

Single-Pole Rocker Switch

CR Series



Dimensions inches (mm)



Z = Panel Thickness

**Recommended
Panel Cut-Out Dimensions**
inches (mm)

Dim. Z	SUFFIX E		SUFFIX F		SUFFIX G or W	
	Dim. X	Dim. Y	Dim. X	Dim. Y	Dim. X	Dim. Y
0.030 to 0.049 (0.75 to 1.25)	1.120 (28.49)	0.476 (12.10)	1.120 (28.49)	0.528 (13.41)	1.120 (28.49)	0.543 (13.80)
0.049 to 0.079 (1.25 to 2.00)	1.130 (28.70)	0.476 (12.10)	1.130 (28.70)	0.528 (13.41)	1.130 (28.70)	0.543 (13.80)
0.079 to 0.118 (2.00 to 3.00)	1.150 (29.21)	0.476 (12.10)	1.150 (29.21)	0.528 (13.41)	1.150 (29.21)	0.543 (13.80)

Ordering Information

CR	E	2
Series		Code Circuitry
		2 Single Pole

Code	Contact Rating
E	20A 125VAC 16A 250V 3/4HP 250VAC cULus 16(4)A 250V ~ μ T125/55 VDE

Note: Only 3 position switches have μ symbol.

Code	Switch Function
2	On - Off
3	On - On
4	On-Off-On

Code	Terminal type inches (mm)
F	0.250" (6.3) QC
T	0.250 (6.3) Solder Tag

Code	Actuator Type
2	Curve
4	Curve - Two Color Red Mold

Code	Actuator Marking
B	Blank
D	On
E	Off
F	On
H	Off
K	On
P	Off

Code	Housing Color
B	Black
E	Charcoal Grey
R	Red
W	White
Y	Grey

Code	Actuator Color
A	Amber
B	Black
E	Charcoal Grey
G	Green
R	Red
W	White
Y	Grey
S	Semi-transparent Red (nylon)

Code	Lighted
N	Non-Lighted
L	Lighted (Bulb 125VAC)
E	Lighted (Bulb 250VAC)
F	Lighted 5VDC Incandescent
G	Lighted 6VDC Incandescent
H	Lighted 12VDC Incandescent

Code	Splashproof
E	0.476 (12.10) Non-Washable
F	0.528 (13.41) Non-washable
G	0.543 (13.79) Non-washable
W*	0.543(13.79) Washable - IP42

*Note: Washable versions not lighted

Examples of Common Part Numbers and Descriptions inches (mm)

Part Number	Circuitry	Switch Function	Terminal Type	Actuator/ Housing Color	Legend Marking
CRE22F2FBBNE		On – Off	0.250 (6.3) Quick-Connect	Black/Black	
CRE22F4BBBNE		On – Off	0.250 (6.3) Quick-Connect	Red-Black/Black	
CRE24F2HBBNE		On – Off – On	0.250 (6.3) Quick-Connect	Black/Black	
CRE22F2BBRLE		On – Off/Lighted	0.250 (6.3) Quick-Connect	Red/Black	
CRE22F4BBBNW		On – Off	0.250 (6.3) Quick-Connect	Red-Black/Black Splash-Proof	

Contact

Call, fax or visit our
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Technical data relates to product specifications only. Features may differ from those described. Only drawings combined with product specifications shall be deemed binding.

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