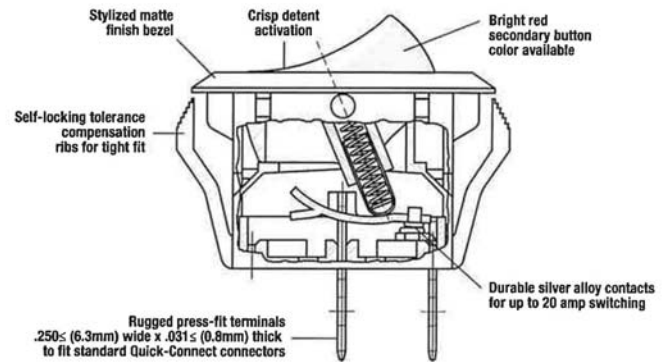


Single-Pole Rocker Switch

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	20A, 125 VAC; 16A 250VAC; 3/4HP 250VAC*	10,000	6,000

Electrical Specifications		Material Specifications	
Ratings:	20A, 125VAC; 16A 250VAC; 3/4HP 250VAC (UL)	Actuator (non-lighted):	Nylon 66 94V-2
	20A, 125VAC; 16A 250VAC 3/4HP 125/250VAC (CSA)	(lighted):	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



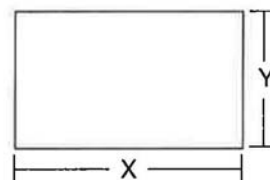
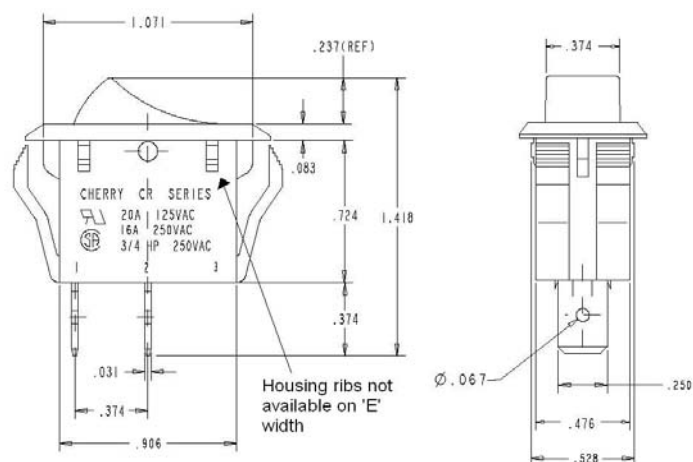
Specifications subject to change without notice.



Single-Pole Rocker Switch

CR Series

Dimensions inches (mm)



Z = Panel Thickness

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

	SUFFIX E		SUFFIX F		SUFFIX G or W	
Dim. Z	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

Series

E

2

Code

Circuitry

2

2

Single Pole

Code

Contact Rating

E

20A, 125VAC; 16A 250VAC; 3/4HP
250 VAC (UL)
20A, 125VAC; 16A 250VAC 3/4HP
125/250 VAC (CSA)
16(4)A, 250V~; T125 (VDE)

Code

Terminal type inches (mm)

F

0.250" (6.3) QC

T

0.250 (6.3) Solder Tag

2

Code

Switch Function

2

3

On - Off

3

4

On - On

4

On-Off-On

F

2

Code

Actuator Type

2

4

Curve

Curve - Two Color

Red Mold

Code

Actuator Marking

B

Blank

D



E



F



H



K

Off

On

P





B

Code

Housing Color

B

E

R

W

Y

Black

Charcoal Grey

Red

White

Grey

N

Code

Lighted

N

L

E

F

G

H

Non-Lighted

Lighted (Bulb 125VAC)

Lighted (Bulb 250VAC)

Lighted 5VDC Incandescent

Lighted 6VDC Incandescent

Lighted 12VDC Incandescent

B

Code

Actuator Color

A

B

E

G

R

W

Y

S

Amber

Black

Charcoal Grey

Green

Red

White

Grey

Semi-transparent

Red (nylon)

N

Code

Splashproof

E

F

G

W*

0.476 (12.10) Non-Washable

0.528 (13.41) Non-washable

0.543 (13.79) Non-washable

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
Website for more information.

ZF Electronics Corporation
11200 88th Avenue
Pleasant Prairie, WI 53158

Phone: 262.942.6500
Web: www.cherrycorp.com
Email: cep_sales@zf.com
Fax: 262.942.6566

The manufacturer accepts no liability for errors or non-availability, and reserves the right to change specifications without prior notice.

Technical data relates to product specifications only. Features may differ from those described. Only drawings combined with product specifications shall be deemed binding.

© 2007 ZF Electronics Corporation

Last Updated: 061512