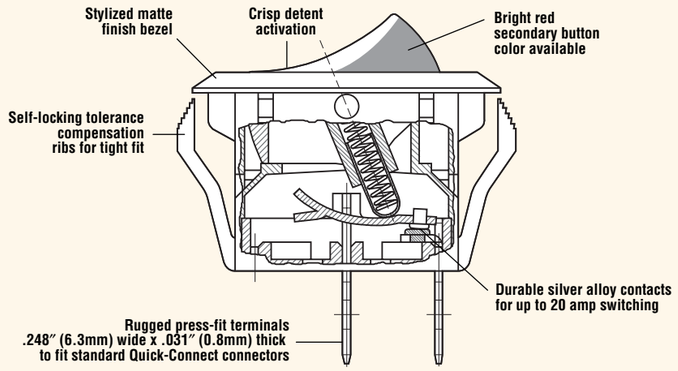
POWER ROCKER SWITCH

CR Series

Features

- Rugged design with current switching up to 20 amps
- 2-color molded button available for maximum visibility
- Lighted and non-lighted versions
- Splash-proof option available
- Available in a wide variety of colors
- Fits to 3 panel cut-out widths



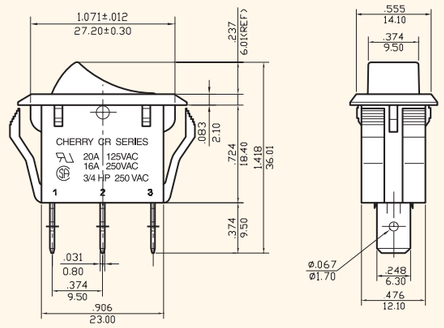
Material Specifications

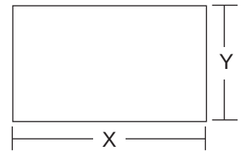
Actuator (non-lighted):	Nylon 66 94V–2
Actuator (lighted):	Polycarbonate
Housing:	Nylon 66 94V–2
Base:	Nylon 66 94V–2
Spring:	Steel Wire
Contacts:	Silver Alloy
Movable Arm:	Silver-Plated Copper Alloy
Terminals:	SIlver- or Tin-Plated Copper Alloy

Specifications

Ratings:	20A 125VAC / 16A 250 VAC (UL, CSA) 16 (4) A 250V ~ µ T85 (VDE) ¾ HP 250VAC (UL)
Dielectric Strength:	1000VAC for 1 minute
Insulation Resistance:	10^8 ohms min at 500VDC
Initial Contact Resistance:	.020 ohms max
Temperature Range:	-20°C to +85°C

Dimensions





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
.030 to .049 (0.75 to 1.25)	1.12 (28.6)	.476 (12.1)	1.12 (28.6)	.528 (13.4)	1.12 (28.6)	.543 (13.8)
.049 to .079 (1.25 to 2.00)	1.13 (28.8)	.476 (12.1)	1.13 (28.8)	.528 (13.4)	1.13 (28.8)	.543 (13.8)
.079 to .118 (2.00 to 3.00)	1.15 (29.2)	.476 (12.1)	1.15 (29.2)	.528 (13.4)	1.15 (29.2)	.543 (13.8)

Ordering Information

CR | E | 2 | 2 | F | 2 | F | B | B | N | E

Series

Code	Contact Rating
E	20A 125VAC, 16A 250VAC (UL & CSA) ¾ HP 250VAC (UL) 16 (4) A 250VAC ~ µ T85 (VDE)

Code	Circuitry
2	Single-Pole

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

Code	Terminal Type
F	.248″ (6.3mm) Quick-Connect

Code	Actuator Type
2	Curve – One Color
4	Curve – Two Color Red Mold

Code	Actuator Marking
B	Blank
D	OFF ON
E	O I
F	O —
K	OFF ON
H	II O I
P	OFF ON

Code	Housing Color
Y	Grey
B	Black
R	Red
W	White

Code	Actuator Color
Y	Grey
B	Black
G	Green
R	Red
A	Amber
W	White

Code	Lighted
N	Non-Lighted
L	Lighted

Code	Body Type
E	.476″ (12.1mm) Non-Washable
F	.528″ (13.4mm) Non-Washable
G	.543″ (13.8mm) Non-Washable
W	.543″ (13.8mm) Washable Conforms to IP42

Examples of Common Part Numbers and Descriptions

Part Number	Circuitry	Switch Function	Terminal Type	Actuator/ Housing Color	Legend Marking
CRE22F2FBBNE		On-Off	.248″ (6.3mm) Quick-Connect	Black/Black	
CRE22F4BBBNE		On-Off	.248″ (6.3mm) Quick-Connect	Red-Black/Black	
CRE24F2HBBNE		On-Off-On	.248″ (6.3mm) Quick-Connect	Black/Black	
CRE22F2BBRLE	1 2 3	On-Off/Lighted	.248″ (6.3mm) Quick-Connect	Red/Black	
CRE22F4BBBNW		On-Off	.248″ (6.3mm) Quick-Connect	Red-Black/Black Splash-Proof	

For more information visit our website **www.cherrycorp.com**

Specifications subject to change without notice.