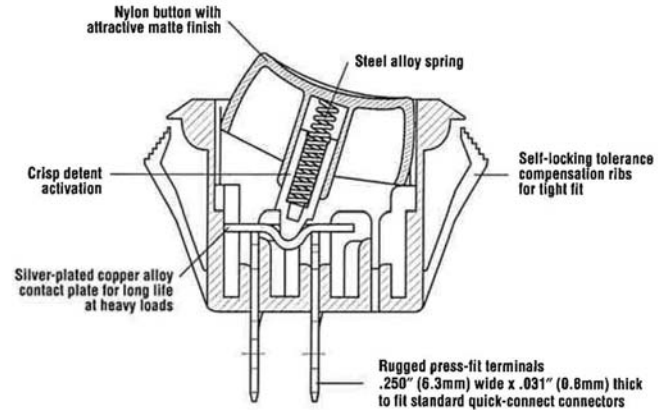


Single-Pole Rocker Switch

GR Series



Features

- Optional wire leads available
- Available in a variety of colors
- Single and double throw options
- Mechanical life: min. 50,000 operations

Electrical Ratings				
Switch Series	EN61058 Rating	UL1054 Rating	Electrical Life at Rated Load	
			According to VDE (Min. Operations)	According to UL (Min. Operations)
GR	N/A	15A, 125VAC; 10A, 250VAC	N/A	6,000

Electrical Specifications		Material Specifications	
Ratings:	15A, 125VAC; 10A, 250VAC (UL, CSA)	Actuator (non-lighted):	Nylon 66 94V-2
		(lighted):	Polycarbonate
Dielectric Strength:	1000VAC for 1 minute	Housing:	Nylon 66 94V-2
Insulation Resistance:	100M ohms min at 500VDC	Spring:	Steel Wire
Initial Contact Resistance:	.020 ohms max	Contact Plate:	Copper Alloy
Temperature Range:	-20°C to + 85°C (UL)	Terminals:	Tin-Plated Copper Alloy



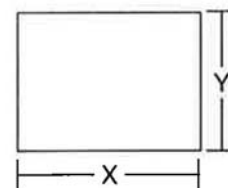
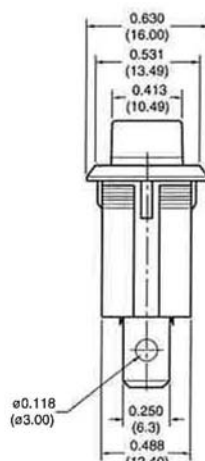
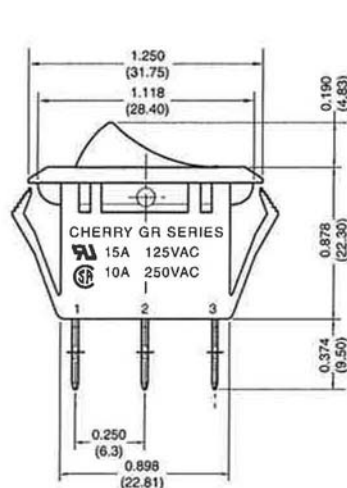
RoHS Compliant
UL File No: E23301

Specifications subject to change without notice.



Single-Pole Rocker Switch

GR Series



Z = Panel Thickness

Recommended Panel Cut-Out Dimensions

Dim. Z	Dim. X	Dim. Y
0.030 to 0.049 (0.76 to 1.25)	1.120 (28.45)	0.535 (13.59)
0.049 to 0.079 (1.25 to 2.01)	1.130 (28.70)	0.535 (13.59)
0.079 to 0.118 (2.01 to 3.00)	1.150 (29.21)	0.535 (13.59)

GR Series	F
Code	2
Circuitry	Single Pole
Code	Contact Rating
F	15A, 125VAC; 10A, 250VAC

Code	Switch Function
2	On - Off
3	On-On

Code	Actuator Type
2	Curve

Code	Housing Color
B	Black
W	White
Y	Grey

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

Code	Terminal type inches (mm)
N	0.250 (6.3) Q.C. Straight
W	Wire Lead 16awg, UL1015 6" long, White

Code	Actuator Marking
B	Blank
C	ON OFF
D	ON OFF
E	ON OFF
F	ON OFF
K	OFF ON

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

Code	Splashproof
N	No Rocker Boot

Examples of Common Part Numbers and Descriptions inches (mm)

Part Number	Circuitry	Switch Function	Terminal Type	Actuator/Housing Color	Legend Marking
GRF22N2BBBNN		On - Off	0.250 (6.3) Quick-Connect	Black/Black	
GRF22N2FBBNN		On - Off	0.250 (6.3) Quick-Connect	Black/Black	
GRF23N2BBBNN		On - On	0.250 (6.3) Quick-Connect	Black/Black	
GRF22N2BBRLN		On - Off/Lighted	0.250 (6.3) Quick-Connect	Red/Black	

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: 1/20/11

