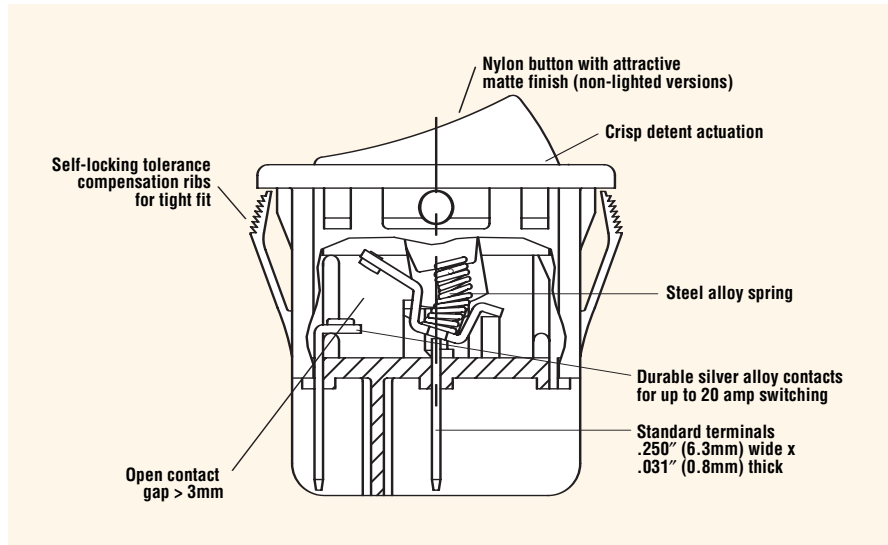


DOUBLE-POLE POWER ROCKER SWITCH

YR Series

Features

- High current rating to 20 amps
- New style with rounded corners
- Lighted and non-lighted
- Maintained-action and momentary
- Available in a variety of colors
- 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)
YR	16(4)A, 250V~, T125 1E4	20A, 125VAC; 16A 250VAC; 3/4HP 125/250VAC	10,000	6,000

Specifications

Electrical

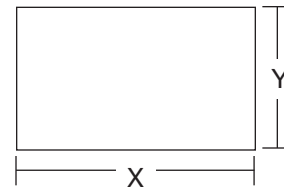
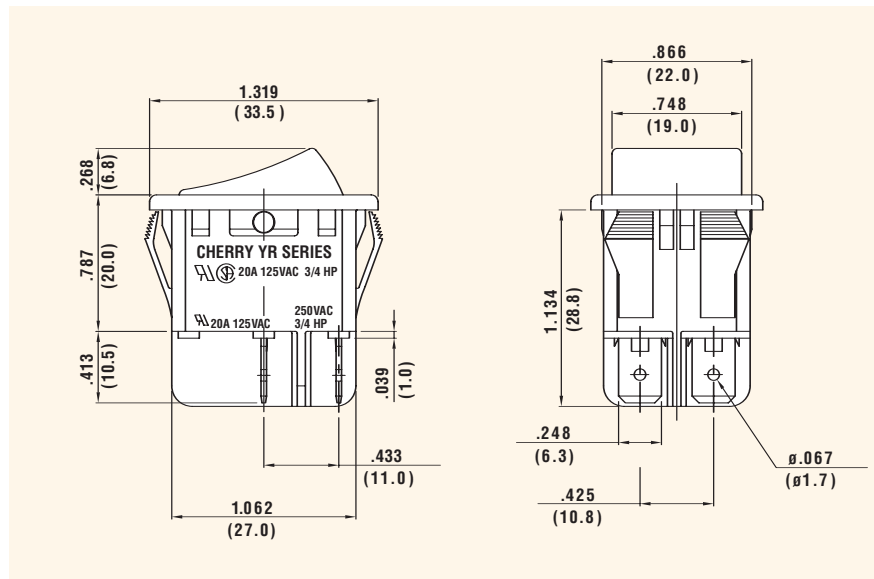
Dielectric Strength:	1000VAC for 1 minute
Insulation Resistance:	10 ⁸ ohms min at 500VDC
Initial Contact Resistance:	0.020 ohms max
Temperature Rating:	-20°C to +105°C

Materials

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



Dimensions inches (mm)



Z = Panel Thickness

Recommended Panel Cut-Out Dimensions

inches (mm)

Dim. Z	Dim. X	Dim. Y
0.030 to 0.049 (0.75 to 1.25)	1.181 (30.00)	0.866 (22.0)
0.049 to 0.079 (1.25 to 2.00)	1.189 (30.2)	0.866 (22.0)
0.079 to 0.118 (2.00 to 3.00)	1.201 (30.5)	0.866 (22.0)

Examples of Common Part Numbers and Descriptions inches (mm)

Part Number	Circuitry	Switch Function	Terminal Type	Actuator/ Housing Color	Legend Marking
YRM32F2FBBNN		On – Off	0.250 (6.3) Quick-Connect	Black/Black	
YRM33F2BBBNN		On – On	0.250 (6.3) Quick-Connect	Black/Black	
YRM32F2BBRLN		On – Off/Lighted	0.250 (6.3) Quick-Connect	Red/Black	

Ordering Information

YR Series	M Code Contact Rating	3 Code Circuitry	2 Code Switch Function	F Code Actuator Type	F Code Actuator Marking	B Code Housing Color	B Code Actuator Color	N Code Lighted	N Code Splashproof
	M 20A, 125VAC; 16A, 250VAC; 3/4HP125/250VAC (UL/CSA) 16(4)A, 250V~, T125 1E4 (VDE)	2 Single-Pole 3 Double-Pole	2 On – Off 3 On – On 5 (On) – Off 6 (On) – On	2 Curve	B Blank C D E O F O G •	E Charcoal Grey Y Grey B Black W White C Brown	Y Grey B Black G Green A Amber R Red W White C Brown E Charcoal Grey	N Non-Lighted L Lighted (Bulb 125VAC) E Lighted (Bulb 250VAC) F Lighted 5VDC Incandescent G Lighted 6VDC Incandescent H Lighted 12VDC Incandescent	N No Rocker Boot S Rocker Boot

Code	Terminal Type inches (mm)
A	0.187 (4.8) QC
F	0.250 (6.3) QC
S	0.250 (6.3) M3 Tapped Screw
T	0.250 (6.3) Solder Tag