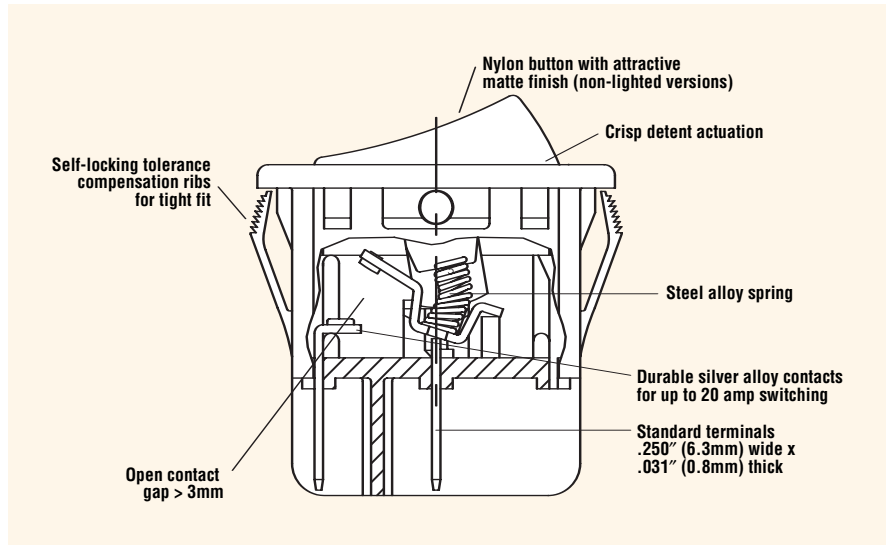


DOUBLE-POLE POWER ROCKER SWITCH

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

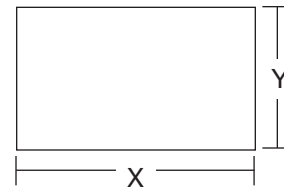
Electrical

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





Recommended Panel Cut-Out Dimensions

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)

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	

YR	M	3	2	F	2	F	B	B	N	N																																													
Series		<table border="1"> <tr> <th>Code</th><th>Circuitry</th></tr> <tr> <td>2</td><td>Single-Pole</td></tr> <tr> <td>3</td><td>Double-Pole</td></tr> </table>	Code	Circuitry	2	Single-Pole	3	Double-Pole	<table border="1"> <tr> <th>Code</th><th>Switch Function</th></tr> <tr> <td>2</td><td>On – Off</td></tr> <tr> <td>3</td><td>On – On</td></tr> <tr> <td>5</td><td>(On) – Off</td></tr> <tr> <td>6</td><td>(On) – On</td></tr> </table>	Code	Switch Function	2	On – Off	3	On – On	5	(On) – Off	6	(On) – On		<table border="1"> <tr> <th>Code</th><th>Actuator Type</th></tr> <tr> <td>2</td><td>Curve</td></tr> </table>	Code	Actuator Type	2	Curve		<table border="1"> <tr> <th>Code</th><th>Housing Color</th></tr> <tr> <td>E</td><td>Charcoal Grey</td></tr> <tr> <td>Y</td><td>Grey</td></tr> <tr> <td>B</td><td>Black</td></tr> <tr> <td>W</td><td>White</td></tr> <tr> <td>C</td><td>Brown</td></tr> </table>	Code	Housing Color	E	Charcoal Grey	Y	Grey	B	Black	W	White	C	Brown	<table border="1"> <tr> <th>Code</th><th>Lighted</th></tr> <tr> <td>N</td><td>Non-Lighted</td></tr> <tr> <td>L</td><td>Lighted (Bulb 125VAC)</td></tr> <tr> <td>E</td><td>Lighted (Bulb 250VAC)</td></tr> <tr> <td>F</td><td>Lighted 5VDC Incandescent</td></tr> <tr> <td>G</td><td>Lighted 6VDC Incandescent</td></tr> <tr> <td>H</td><td>Lighted 12VDC Incandescent</td></tr> </table>	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	Circuitry																																																						
2	Single-Pole																																																						
3	Double-Pole																																																						
Code	Switch Function																																																						
2	On – Off																																																						
3	On – On																																																						
5	(On) – Off																																																						
6	(On) – On																																																						
Code	Actuator Type																																																						
2	Curve																																																						
Code	Housing Color																																																						
E	Charcoal Grey																																																						
Y	Grey																																																						
B	Black																																																						
W	White																																																						
C	Brown																																																						
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																																																						
<table border="1"> <tr> <th>Code</th><th>Contact Rating</th></tr> <tr> <td>M</td><td>20A, 125VAC; 16A, 250VAC; 3/4HP125/250VAC (UL/CSA) 16(4)A, 250V~, T125 1E4 (VDE)</td></tr> </table>	Code	Contact Rating	M	20A, 125VAC; 16A, 250VAC; 3/4HP125/250VAC (UL/CSA) 16(4)A, 250V~, T125 1E4 (VDE)					<table border="1"> <tr> <th>Code</th><th>Actuator Marking</th></tr> <tr> <td>B</td><td>Blank</td></tr> <tr> <td>C</td><td> </td></tr> <tr> <td>D</td><td> </td></tr> <tr> <td>E</td><td> </td></tr> <tr> <td>F</td><td> </td></tr> <tr> <td>G</td><td> </td></tr> </table>	Code	Actuator Marking	B	Blank	C		D		E		F		G		<table border="1"> <tr> <th>Code</th><th>Actuator Color</th></tr> <tr> <td>Y</td><td>Grey</td></tr> <tr> <td>B</td><td>Black</td></tr> <tr> <td>G</td><td>Green</td></tr> <tr> <td>A</td><td>Amber</td></tr> <tr> <td>R</td><td>Red</td></tr> <tr> <td>W</td><td>White</td></tr> <tr> <td>C</td><td>Brown</td></tr> <tr> <td>E</td><td>Charcoal Grey</td></tr> </table>	Code	Actuator Color	Y	Grey	B	Black	G	Green	A	Amber	R	Red	W	White	C	Brown	E	Charcoal Grey	<table border="1"> <tr> <th>Code</th><th>Splashproof</th></tr> <tr> <td>N</td><td>No Rocker Boot</td></tr> <tr> <td>S</td><td>Rocker Boot</td></tr> </table>	Code	Splashproof	N	No Rocker Boot	S	Rocker Boot						
Code	Contact Rating																																																						
M	20A, 125VAC; 16A, 250VAC; 3/4HP125/250VAC (UL/CSA) 16(4)A, 250V~, T125 1E4 (VDE)																																																						
Code	Actuator Marking																																																						
B	Blank																																																						
C																																																							
D																																																							
E																																																							
F																																																							
G																																																							
Code	Actuator Color																																																						
Y	Grey																																																						
B	Black																																																						
G	Green																																																						
A	Amber																																																						
R	Red																																																						
W	White																																																						
C	Brown																																																						
E	Charcoal Grey																																																						
Code	Splashproof																																																						
N	No Rocker Boot																																																						
S	Rocker Boot																																																						
		<table border="1"> <tr> <th>Code</th><th>Terminal Type</th><th>inches (mm)</th></tr> <tr> <td>A</td><td>0.187 (4.8) QC</td><td></td></tr> <tr> <td>F</td><td>0.250 (6.3) QC</td><td></td></tr> <tr> <td>S</td><td>0.250 (6.3) M3 Tapped Screw</td><td></td></tr> <tr> <td>T</td><td>0.250 (6.3) Solder Tag</td><td></td></tr> </table>	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																																							
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																																																						