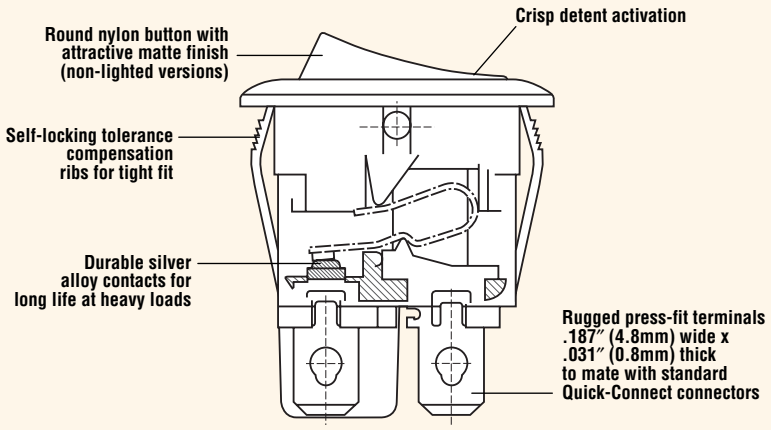
ROUND ROCKER SWITCH

RR Series

Features

- Single-pole and double-pole configurations
- Lighted and non-lighted options
- Available in a wide variety of colors
- High current switching in a compact round package
- Self-locking tabs to fit industry-standard panel cut-outs
- Mechanical life: min. 100,000 operations



Electrical Ratings

Switch Series	EN61058 Rating	UL1054 Rating	Electrical Life at Rated Load According to VDE (Min. Operations)	Electrical Life at Rated Load According to UL (Min. Operations)
RR	10(4)A, 250V~, μ T125/55	10A, 125VAC; 8A, 250VAC, 1/4 HP; 125/250VAC	10,000	6,000



Specifications

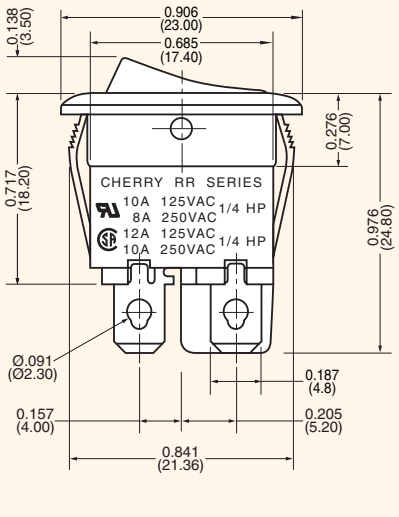
Electrical

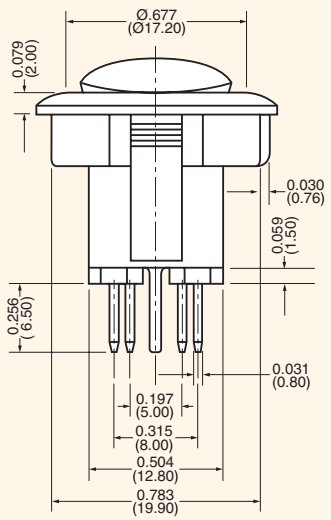
Dielectric Strength:	1000VAC for 1 minute
Insulation Resistance:	10^8 ohms min at 500VDC
Initial Contact Resistance:	.020 ohms max
Temperature Range:	-20°C to +85°C

Materials

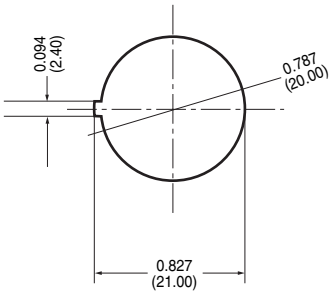
Actuator (non-lighted):	Nylon 66 94V-2
Actuator (lighted):	Polycarbonate
Base:	Nylon 66 94V-2
Contacts:	Silver Alloy
Movable Arm:	Copper Alloy
Terminals:	Tin-Plated Copper Alloy

Dimensions inches (mm)





Panel Cut-Out Dimensions for Panel Thickness inches (mm) 0.039 to 0.078 (1.0 to 2.0)



Examples of Common Part Numbers and Descriptions inches (mm)

Part Number	Circuitry	Switch Function	Terminal Type	Actuator/ Housing Color	Legend Marking
RRA22H3BBBNN		On – Off	0.187 (4.8) Quick-Connect	Black/ Black	
RRA32H3FBBNN		On – Off	0.187 (4.8) Quick-Connect	Black/ Black	
RRA22H3BWWNN		On – Off	0.187 (4.8) Quick-Connect	White/ White	
RRA22H3FBRNN		On – Off	0.187 (4.8) Quick-Connect	Red/ Black	
RRA22H3BBRLN		On – Off/Lighted	0.187 (4.8) Quick-Connect	Red/ Black	
RRA32H3BBRLN		On – Off/Lighted	0.187 (4.8) Quick-Connect	Red/ Black	

Ordering Information

RR — Series

A

Code	Contact Rating
A	10A, 125VAC; 8A, 250VAC; 1/4HP, 125/250VAC (UL) 12A, 125VAC; 10A, 250VAC; 1/4HP, 125/250VAC (CSA) 10(4)A, 250V~, µT125/55 (VDE)

2

Code	Circuitry
2	Single-Pole
3	Double-Pole

2

Code	Switch Function
2	On – Off

H

Code	Terminal Type inches (mm)
H	0.187 (4.8) QC
L	PC Thru-Hole Right Angle
M	PC Thru-Hole Straight

3

Code	Actuator Type
3	Round

F

Code	Actuator Marking	
B	Blank	
D	OFF	ON
E	O	I
F	O	–
G		•

B

Code	Housing Color
B	Black
W	White
Y	Grey
C	Brown
E	Charcoal Grey

B

Code	Actuator Color
B	Black
G	Green
A	Amber
R	Red
W	White
Y	Grey
C	Brown
E	Charcoal Grey

N

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

N

Code	Body Type
N	No Splashproof Rocker Boot