Product Catalog

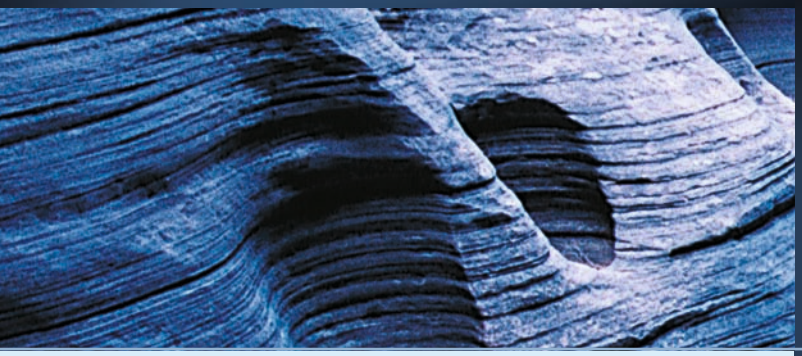
Rocker Switch



CHERRY

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CONTENT



Higher, faster, farther – the functions offered by technical developments are increasing while their size is constantly being reduced. This presents a challenge for the designers of the individual components. To meet both of the above requirements and also to satisfy the demands of our partners, we have built up an extremely wide range of switches. Decades of experience in developing and producing switches provide us with the basis to find the best solution for your application, too.

Our rocker switches are used in a large number of applications ranging from household appliances and power tools to industrial machines and plant equipment. Cherry rocker switches are the perfect choice for economical, compact switching, in current ratings of up to 20 amperes.

They are available in a wide variety of shapes and colors, in lighted and non-lighted designs, and with different switch characteristics, electrical ratings and protection classes. To satisfy almost every need.

We'll be glad to assist you.

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Standard

TR Series – Single Pole Rocker Switch 4

CR Series – Single Pole Rocker Switch for higher loads 6

YR Series – Double Pole Rocker Switch 8

WR Series – Double Pole Rocker Switch for higher loads 10

Miniature

SR Series – Single Pole Rocker Switch 12

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SR Series – Round Rocker Switch for higher loads 18

Ultra-miniature

PR Series – Ultra-miniature Rocker Switch 20

Waterproof

K Series – Waterproof Rocker & Pushbutton Switch 22

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SINGLE POLE ROCKER SWITCH

TR Series



Features

- 16A switching in 11mm wide package
- Lighted and non-lighted versions
- Available in a wide variety of colors
- Double-throw and three-position versions available
- Fits industry-standard cut-outs
- Mechanical life: min. 50,000 operations

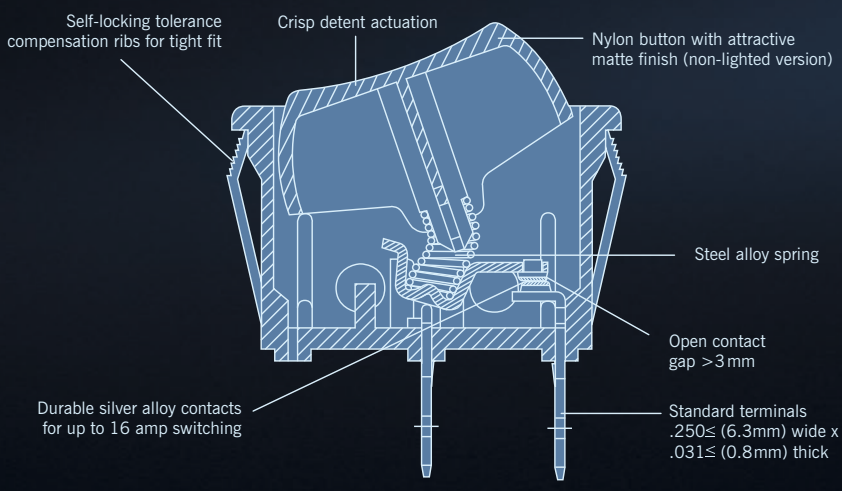
Specifications

Electrical	
Dielectric Strength:	1000VAC for 1 minute
Insulation Resistance:	10^8 ohms min at 500VDC
Initial Contact Resistance:	0.020 ohms max
Ambient temperature:	-20°C to +85°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
Fixed Contact Terminals:	Tin-Plated Copper Alloy

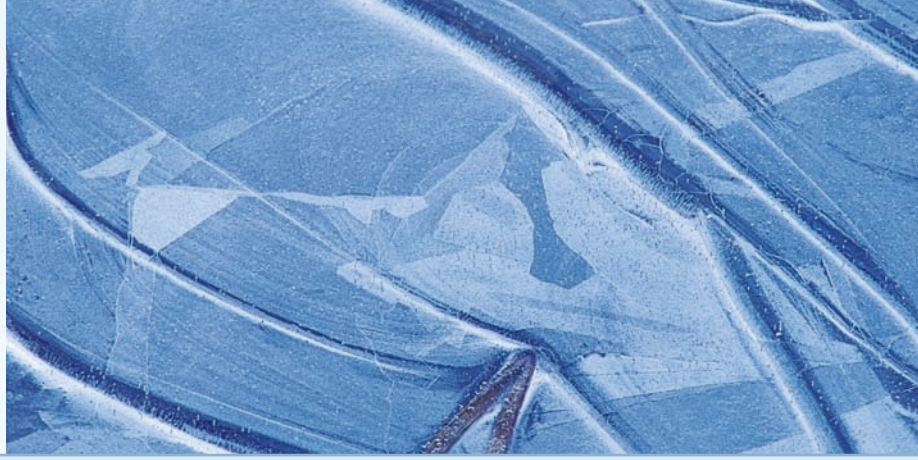
Electrical Ratings

			Electrical Life at Rated Load	
Switch Series	**EN61058 Rating**	**UL1054 Rating**	**According to VDE** (Min. Operations)	**According to UL** (Min. Operations)
TR	16(4)A, 250V~, T85 1E4	16A, 125/250VAC, 1/4HP@125/250 V; 3/4HP@250V	10,000	6,000

UL File No.: E23301
RoHS compliant



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Examples of Common Part Numbers and Descriptions inches (mm)

Part Number	Circuitry	Switch Function	Terminal Type	Actuator/Housing Color	Legend Marking
TRG22F2FBBNN		On – Off	0.250 (6.30) Quick-Connect	Black/Black	
TRG22F2BBRLN		On – Off/Lighted	0.250 (6.30) Quick-Connect	Red/Black	
Boot #0015-0662					

Ordering Information

TR G 2 2 F 2 F B B N N

Series
TR

Code	Contact Rating
G	16A, 125/250VAC; 1/4HP@125/250V 3/4HP@250V (UL) 16A, 125/250VAC; 1/4HP@125/250VAC (CSA) 16(4)A, 250V~ (VDE)

Code	Circuitry
2	Single-Pole

Code	Switch Function
2	On – Off
3	On – On
5	(On) – Off
6	(On) – On

Code	Terminal Type inches (mm)
F	0.250 (6.3) QC

Code	Actuator Type
2	Curve
5	Flat

Code	Actuator Marking		
B	Blank		
C	LO		HI
D	OFF		ON
E	O		I
F	O		—
G			•

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

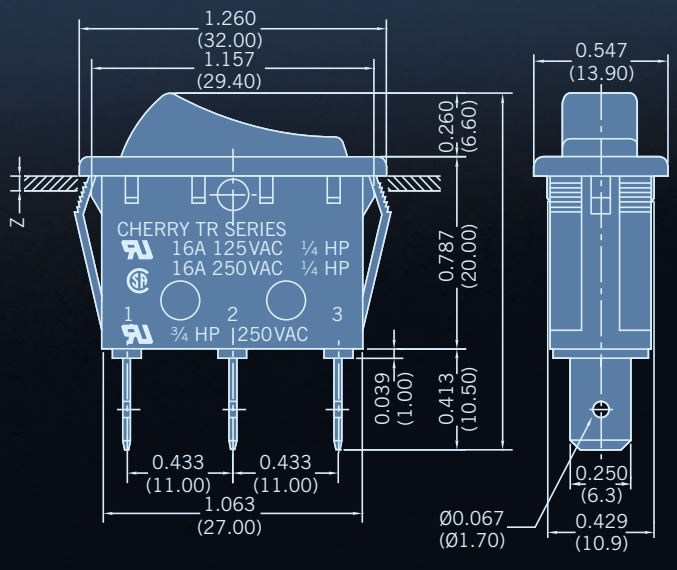
Code	Actuator Color
Y	Grey
B	Black
G	Green
A	Amber
R	Red
W	White
E	Charcoal Grey

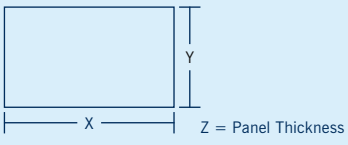
Code	Lighted
N	Non-Lighted
L	Lighted (Bulb 125VAC)
E	Lighted (Bulb 250VAC)
F	Lighted 5VDC Incandescent
G	Lighted 6VDC Incandescent
H	Lighted 12VDC Incandescent

Code	Splashproof
N	No Rocker Boot
S	Waterproof Boot

Specifications subject to change without notice.

Dimensions inches (mm)





Recommended Panel Cut-Out Dimensions

inches (mm)

Dim. Z	Dim. X	Dim. Y
0.030 to 0.049 (0.75 to 1.25)	1.19 (30.23)	0.433 (11.00)
0.049 to 0.079 (1.25 to 2.00)	1.20 (30.48)	0.433 (11.00)
0.079 to 0.118 (2.00 to 3.00)	1.21 (30.73)	0.433 (11.00)

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SINGLE POLE ROCKER SWITCH FOR HIGHER LOADS

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
- Mechanical life: min. 100,000 operations

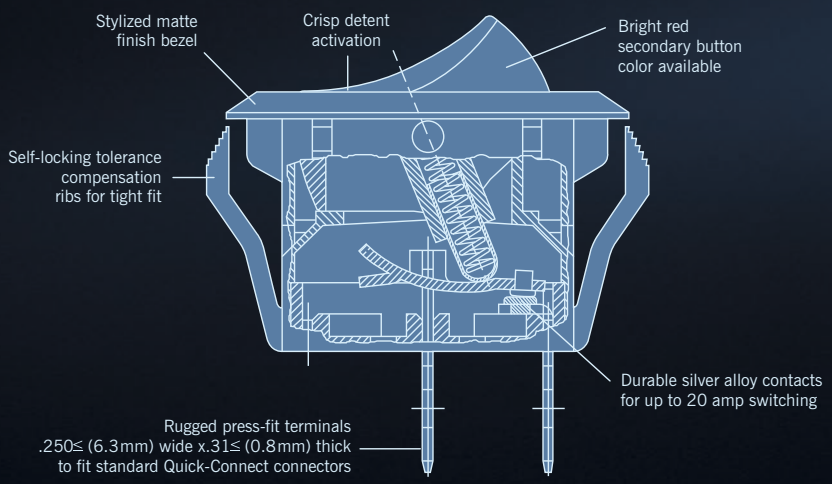
Specifications

Electrical	
Dielectric Strength:	1000VAC for 1 minute
Insulation Resistance:	10^8 ohms min at 500VDC
Initial Contact Resistance:	0.020 ohms max
Ambient temperature:	-20°C to +125°C
Materials	
Actuator (non-lighted):	Nylon 66 94V-2
Actuator (lighted):	Polycarbonate
Housing:	Nylon 66 94V-2
Case:	Nylon 66 94V-2
Spring:	Steel Wire
Contacts:	Silver Alloy
Movable Arm:	Silver-Plated Copper Alloy
Terminals:	Tin-Plated Copper Alloy

Electrical Ratings

			Electrical Life at Rated Load	
Switch Series	**EN61058 Rating**	**UL1054 Rating**	**According to VDE** (Min. Operations)	**According to UL** (Min. Operations)
CR	16(4)A, 250V~, T125	20A, 125VAC; 16A, 250VAC; 3/4HP, 250VAC	10,000	6,000

UL File No.: E23301
RoHS compliant



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Examples of Common Part Numbers and Descriptions inches (mm)

Part Number	Circuitry	Switch Function	Terminal Type	Actuator/Housing Color	Legend Marking
CRE22F2FBBNE		On – Off	0.250 (6.30) Quick-Connect	Black/Black	
CRE22F4BBBNE		On – Off	0.250 (6.30) Quick-Connect	Red-Black/Black	
CRE24F2HBBNE		On – Off – On	0.250 (6.30) Quick-Connect	Black/Black	
CRE22F2BBRLE		On – Off/Lighted	0.250 (6.30) Quick-Connect	Red/Black	
CRE22F4BBBNW		On – Off	0.250 (6.30) Quick-Connect	Red-Black/Black Splash-Proof	

Ordering Information

CR E 2 2 F 2 F B B N E

Series

Code	Circuitry
2	Single-Pole

Code	Contact Rating
E	20A, 125VAC; 16A, 250VAC (UL/CSA) 3/4HP, 250VAC (UL) 3/4HP, 1 25/250VAC (CSA) 16(4)A, 250VAC~, T125 (VDE)

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

Code	Terminal Type inches (mm)
F	0.250 (6.3) QC
T	0.250 (6.3) Solder Tag

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	I O II
P	OFF ON

Code	Housing Color
E	Charcoal Grey
Y	Grey
B	Black
R	Red
W	White

Code	Actuator Color
Y	Grey
B	Black
G	Green
R	Red
A	Amber
W	White
S	Semi-transparent Nylon Red
E	Charcoal Grey

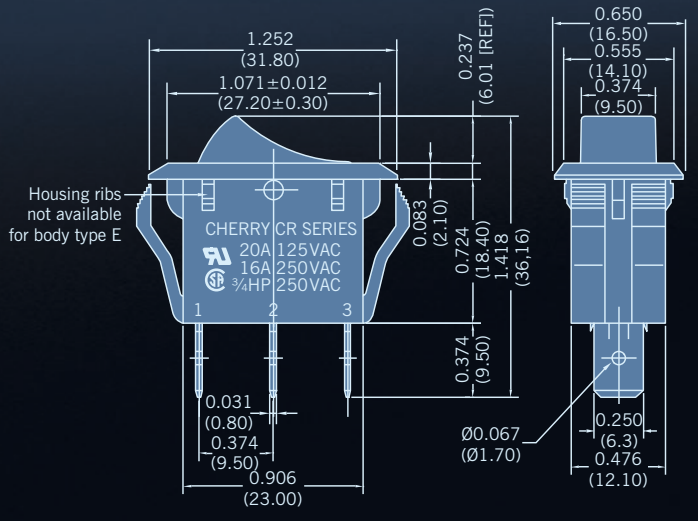
Code	Lighted
N	Non-Lighted
L	Lighted (Bulb 125VAC)
E	Lighted (Bulb 250VAC)
F	Lighted 5VDC Incandescent
G	Lighted 6VDC Incandescent
H	Lighted 12VDC Incandescent

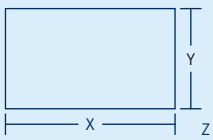
Code	Body Type inches (mm)
E	0.476 (12.10) Non-Washable
F	0.528 (13.1) Non-Washable
G	0.543 (13.8) Non-Washable
W	0.543 (13.8) Washable Conforms to IP42

Note: Washable version not available lighted.

Specifications subject to change without notice.

Dimensions inches (mm)





Z = Panel Thickness

Recommended Panel Cut-Out Dimensions

inches (mm)

	SUFFIX E		SUFFIX W	
Dim. Z	Dim. X	Dim. Y	Dim. X	Dim. Y
0.030 to 0.049 (0.75 to 1.25)	1.120 (28.49)	0.476 (12.10)	1.120 (28.49)	0.543 (13.80)
0.049 to 0.079 (1.25 to 2.00)	1.130 (28.70)	0.476 (12.10)	1.130 (28.70)	0.543 (13.80)
0.079 to 0.118 (2.00 to 3.00)	1.150 (29.21)	0.476 (12.10)	1.150 (29.21)	0.543 (13.80)

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DOUBLE POLE 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

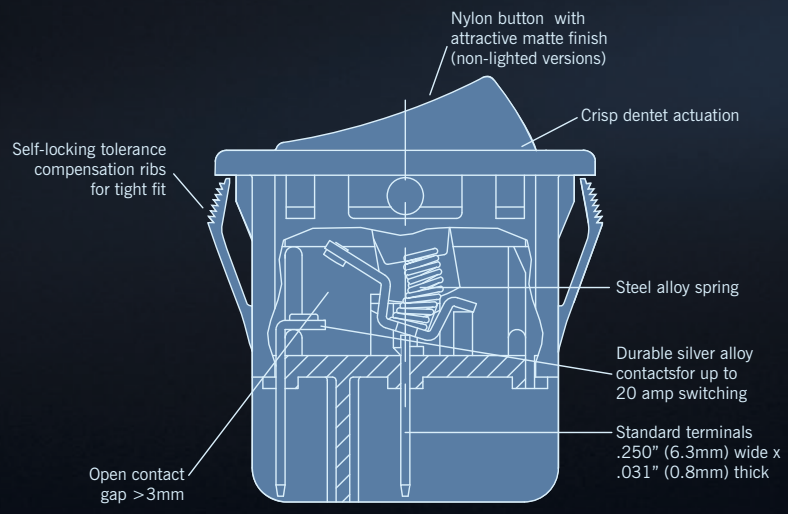
Specifications

Electrical	
Dielectric Strength:	1000VAC for 1 minute
Insulation Resistance:	10^8 ohms min at 500VDC
Initial Contact Resistance:	0.020 ohms max
Ambient temperature:	-20°C to +125°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

Electrical Ratings

			Electrical Life at Rated Load	
Switch Series	**EN61058 Rating**	**UL1054 Rating**	**According to VDE** (Min. Operations)	**According to UL** (Min. Operations)
YR	16(4)A, 250V~, T125 1E4	20A, 125VAC; 16A 125/250VAC; 3/4HP 125/250VAC	10,000	6,000

UL File No.: E23301
RoHS compliant



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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 (6.30) Quick Connect	Black/Black	
YRM33F2BBBNN		On – On	0.250 (6.30) Quick Connect	Black/Black	
YRM32F2BBRLN		On – Off/Lighted	0.250 (6.30) Quick Connect	Red/Black	

Ordering Information

YR – M – 3 – 2 – F – 2 – B – B – B – N – N

Series

Circuitry

Code	Circuitry
2	Single-Pole
3	Double-Pole

Contact Rating

Code	Contact Rating
M	20A, 125VAC (UL); 16A, 125/250VAC (UL/CSA); 3/4HP125/250VAC (cULus) 16(8)A, 250V~, T125/55 1E4 (VDE)

Switch Function

Code	Switch Function
2	On – Off
3	On – On
5	(On) – Off
6	(On) – On

Terminal Type inches (mm)

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

Actuator Type

Code	Actuator Type
2	Curve

Actuator Marking

Code	Actuator Marking		
B	Blank		
C	LO		HI
D	OFF		ON
E	O		I
F	O		—
G			•

Housing Color

Code	Housing Color
Y	Grey
B	Black
W	White

Actuator Color

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

Lighted

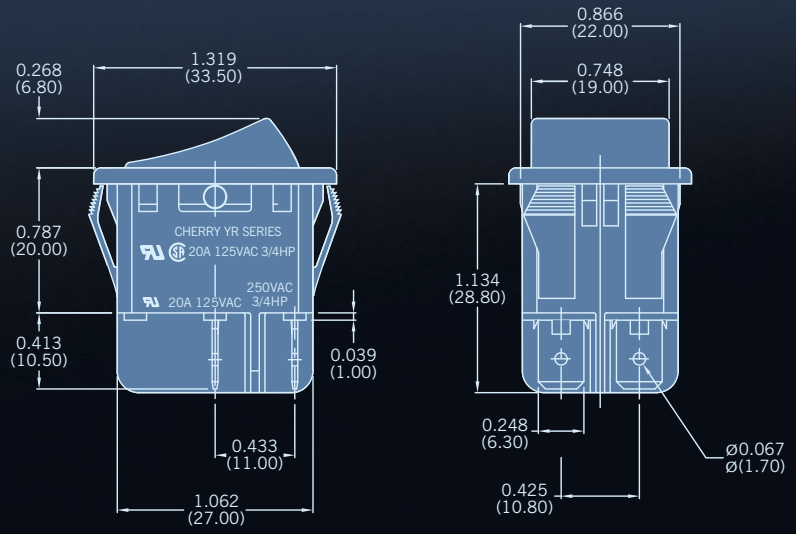
Code	Lighted
N	Non-Lighted
L	Lighted (Bulb 125VAC)
E	Lighted (Bulb 250VAC)
F	Lighted 5VDC Incandescent
G	Lighted 6VDC Incandescent
H	Lighted 12VDC Incandescent

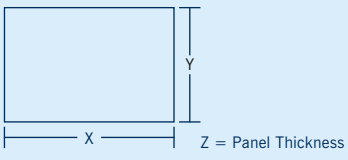
Body Type

Code	Body Type
N	No Rocker Boot

Specifications subject to change without notice.

Dimensions inches (mm)





Recommended Panel Cut-Out Dimensions

inches (mm)

Dim. Z	Dim. X	Dim. Y
0.030 to 0.049 (0.76 to 1.25)	1.181 (30.00)	0.866 (22.00)
0.049 to 0.079 (1.25 to 2.01)	1.18 (30.20)	0.866 (22.00)
0.079 to 0.118 (2.01 to 3.00)	1.201 (30.50)	0.866 (22.00)

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DOUBLE POLE ROCKER SWITCH FOR HIGHER LOADS

WR Series



Features

- Rugged construction for 2-pole, high-current applications
- Lighted and non-lighted
- Maintained-action and momentary
- Single-throw and double-throw
- Available in a variety of colors
- Mechanical life: min. 50,000 operations

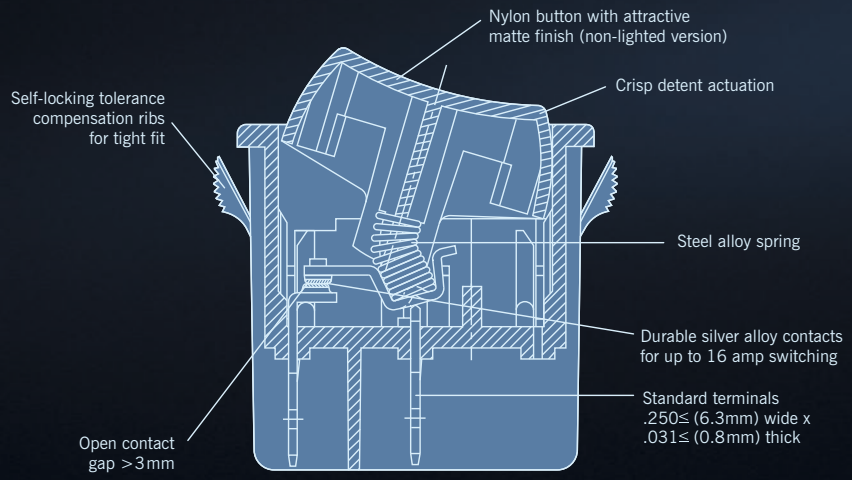
Specifications

Electrical	
Dielectric Strength:	1000VAC for 1 minute
Insulation Resistance:	10^8 ohms min at 500VDC
Initial Contact Resistance:	0.020 ohms max
Ambient temperature:	-20°C to +125°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

Electrical Ratings

			Electrical Life at Rated Load	
Switch Series	**EN61058 Rating**	**UL1054 Rating**	**According to VDE** (Min. Operations)	**According to UL** (Min. Operations)
WR	16(4)A, 250V~, T125 1E4	16A, 125/250VAC; 1/4HP@125/250 V: 3/4HP@250V	10,000	6,000

UL File No.: E23301
RoHS compliant



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Examples of Common Part Numbers and Descriptions inches (mm)

Part Number	Circuitry	Switch Function	Terminal Type	Actuator/Housing Color	Legend Marking
WRG32F2FBBNN		On – Off	0.250 (6.30) Quick-Connect	Black/Black	
WRG34F2HBBNN		On – Off – On	0.250 (6.30) Quick-Connect	Black/Black	
WRG32F2BBRLN		On – Off/Lighted	0.250 (6.30) Quick-Connect	Red/Black	

Boot #0015-0646

Ordering Information

WR G 3 2 F 2 F B B N N

Series

Code	Circuitry
2	Single-Pole
3	Double-Pole

Code	Contact Rating
G	16A, 125/250VAC: 1/4HP@125/250V: 3/4HP@250V (UL) 16A, 125/250VAC: 1/4HP@125/250VAC (CSA) 16(4)A, 250V~, T125 1E4 (VDE)

Code	Switch Function
2	On – Off
3	On – On
5	(On) – Off
6	(On) – On

Code	Terminal Type inches (mm)
A	0.187 (4.8) QC
F	0.250 (6.3) QC

Code	Actuator Type
2	Curve
5	Flat Actuator
7	Curve – Dual Actuator

Code	Actuator Marking	
B	Blank	
C	LO	HI
D	OFF	ON
E	O	I
F	O	—
G		•

Code	Housing Color
Y	Grey
B	Black
W	White

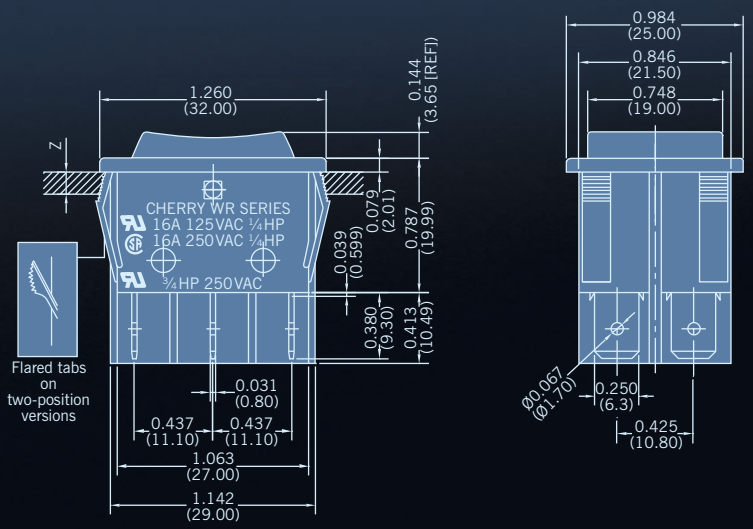
Code	Actuator Color
Y	Grey
B	Black
G	Green
A	Amber
R	Red
W	White

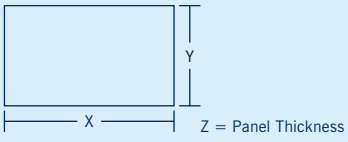
Code	Lighted
N	Non-Lighted
L	Lighted (Bulb 125VAC)
E	Lighted (Bulb 250VAC)
F	Lighted 5VDC Incandescent
G	Lighted 6VDC Incandescent
H	Lighted 12VDC Incandescent

Code	Splashproof
N	No Rocker Boot

Specifications subject to change without notice.

Dimensions inches (mm)





Recommended Panel Cut-Out Dimensions

inches (mm)

Dim. Z	Dim. X	Dim. Y
0.030 to 0.049 (0.75 to 1.25)	1.180 (30.00)	0.867 (22.02)
0.049 to 0.079 (1.25 to 2.00)	1.190 (30.25)	0.867 (22.02)
0.079 to 0.118 (2.00 to 3.00)	1.200 (30.48)	0.867 (22.02)

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SINGLE POLE ROCKER SWITCH

SR Series



Features

- 10 amp switching in a miniature package
- Single-throw and double-throw options
- Choice of actuator and housing color
- Variety of terminals available
- Industry-standard mounting dimensions
- Mechanical life: min. 100,000 operations

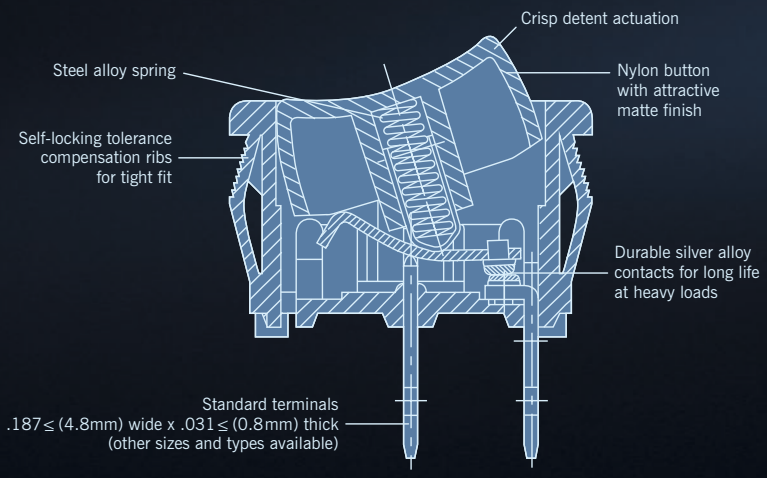
Specifications

Electrical	
Dielectric Strength:	1000VAC for 1 minute
Insulation Resistance:	10^8 ohms min at 500VDC
Initial Contact Resistance:	0.020 ohms max
Ambient temperature:	-20°C to +85°C
Materials	
Actuator:	Nylon 66 94V-2
Case:	Nylon 66 94V-2
Spring:	Steel Wire
Contacts:	Silver or Copper Alloy
Movable Arm:	Silver-Plated Copper Alloy
Terminals:	Tin-Plated Copper Alloy

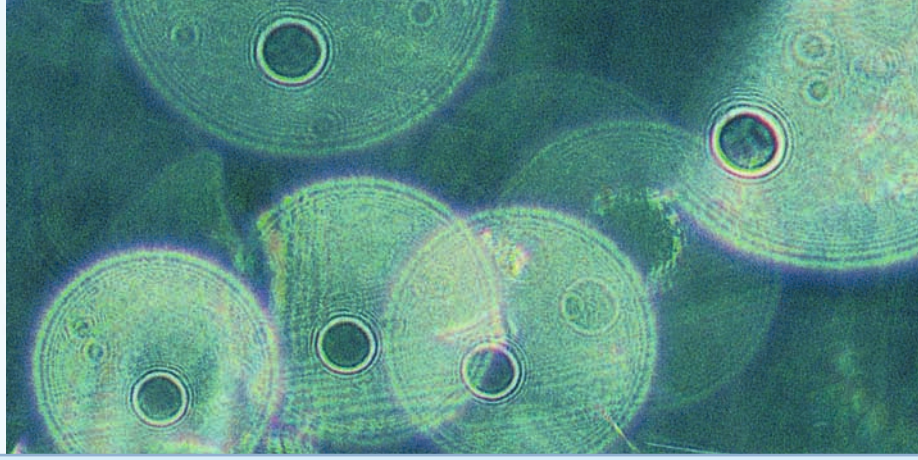
Electrical Ratings

			Electrical Life at Rated Load	
Switch Series	**EN61058 Rating**	**UL1054 Rating**	**According to VDE** (Min. Operations)	**According to UL** (Min. Operations)
SR	10(4)A, 250V~, μT85	10A, 125VAC; 6A, 250VAC	10,000	6,000

UL File No.: E23301
RoHS compliant



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Examples of Common Part Numbers and Descriptions inches (mm)

Part Number	Circuitry	Switch Function	Terminal Type	Actuator/Housing Color	Legend Marking
SRB22A2FBBNN		On – Off	0.187 (4.80) Quick-Connect	Black/Black	
SRB22A2BBBNN		On – Off	0.187 (4.80) Quick-Connect	Black/Black	
SRB22A2DBBNN		On – Off	0.187 (4.80) Quick-Connect	Black/Black	
SRB23A2BBBNN		On – On	0.187 (4.80) Quick-Connect	Black/Black	
Boot #0015-0644					

Ordering Information

SR – B – 2 – 4 – A – 2 – H – B – B – N – N

Series

Code	Circuitry
2	Single-Pole

Code	Contact Rating
B	10A, 125VAC 6A, 250VAC (UL, CSA) 10(4)A, 250V~, μT85 (VDE)

Code	Switch Function
2	On – Off
3	On – On
5	(On) – Off

Code	Terminal Type inches (mm)
A	0.187 (4.8) QC
B	PC Thru-Hole Left Angle
C	PC Thru-Hole Straight
D	0.185 x 0.106 (4.7 x 2.7) Solder Tag
E	PC Thru-Hole Right Angle

Code	Actuator Type
2	Curve

Code	Actuator Marking		
B	Blank		
C	LO		HI
D	OFF		ON
E	O		I
F	O		—
G			•

Code	Housing Color
B	Black
W	White
Y	Grey

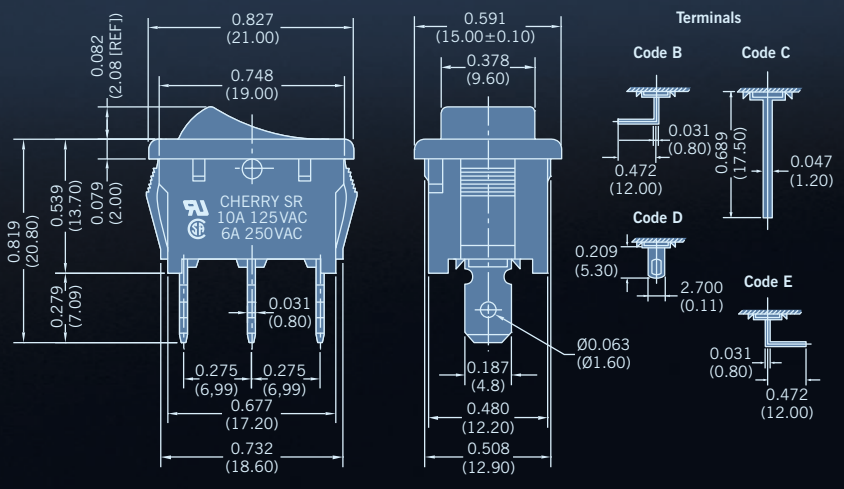
Code	Actuator Color
B	Black
W	White
Y	Grey

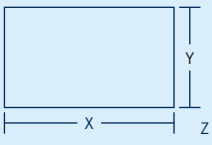
Code	Lighted
N	Non-Lighted

Code	Splashproof
N	No Rocker Boot
S	Waterproof Boot

Specifications subject to change without notice.

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)	0.752 (19.10)	0.508 (12.90)
0.049 to 0.079 (1.25 to 2.00)	0.760 (19.30)	0.508 (12.90)
0.079 to 0.118 (2.00 to 3.00)	0.775 (19.76)	0.508 (12.90)

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DOUBLE POLE ROCKER SWITCH

LR 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 package
- Variety of terminal styles available
- Self-locking tabs to fit industrystandard panel cut-outs
- Mechanical life: min. 100,000 operations

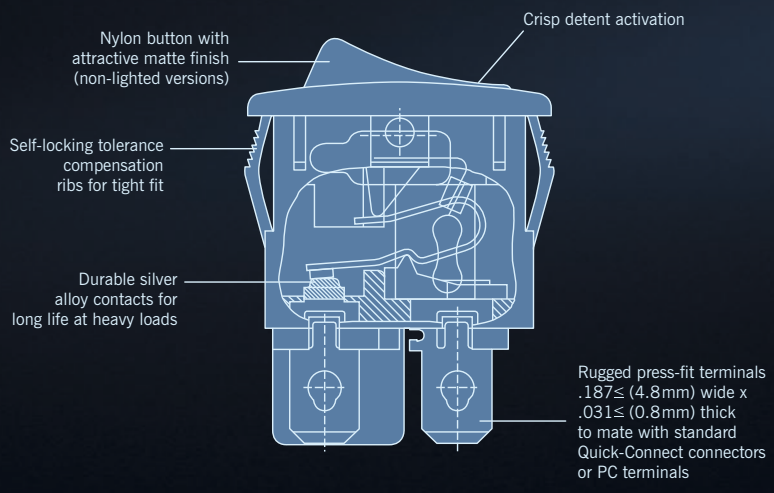
Specifications

Electrical	
Dielectric Strength:	1000VAC for 1 minute
Insulation Resistance:	10^8 ohms min at 500VDC
Initial Contact Resistance:	0.020 ohms max
Ambient temperature:	-20°C to +125°C
Materials	
Actuator (non-lighted):	Nylon 66 94V-2
Actuator (lighted):	Polycarbonate
Case:	Nylon 66 94V-2
Contacts:	Silver Alloy
Movable Arm:	Copper Alloy
Terminals:	Tin-Plated Copper Alloy

Electrical Ratings

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

UL File No.: E23301
RoHS compliant



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Examples of Common Part Numbers and Descriptions inches (mm)

Part Number	Circuitry	Switch Function	Terminal Type	Actuator/Housing Color	Legend Marking
LRA22H2FBBNN		On – Off	0.187 (4.80) Quick-Connect	Black/Black	
LRA32H2FBBNN		On – Off	0.187 (4.80) Quick-Connect	Black/Black	
LRA22H2BBBNN		On – Off	0.187 (4.80) Quick-Connect	Black/Black	
LRA32H2BBBNN		On – Off	0.187 (4.80) Quick-Connect	Black/Black	
LRA22H2BBRLN		On – Off/Lighted	0.187 (4.80) Quick-Connect	Red/Black	
LRA32H2BBRLN		On – Off/Lighted	0.187 (4.80) Quick-Connect	Red/Black	

Boot #0015-0644

Ordering Information

LR A 2 2 H 2 F B B N N

Series

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 250 V~, T125/55 (VDE)

Code	Circuitry
2	Single-Pole
3	Double-Pole

Code	Switch Function
2	On – Off

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

Code	Actuator Type
2	Curve

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

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

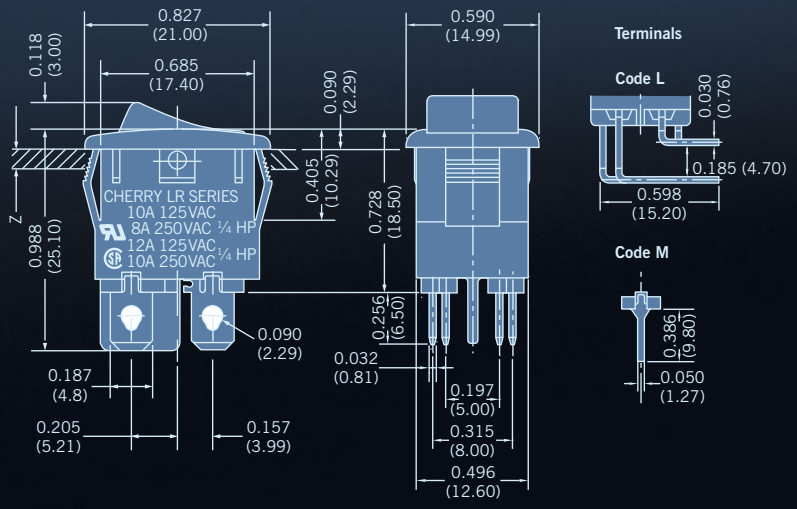
Code	Actuator Color
E	Charcoal Grey
B	Black
G	Green
A	Amber
R	Red
W	White
Y	Grey

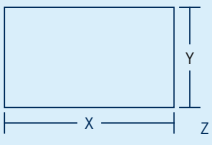
Code	Lighted
N	Non-Lighted
L	Lighted (Bulb 125VAC)
E	Lighted (Bulb 250VAC)
F	Lighted 5VDC Incandescent
G	Lighted 6VDC Incandescent
H	Lighted 12VDC Incandescent

Code	Splashproof
N	No Rocker Boot
S	Waterproof Boot

Specifications subject to change without notice.

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)	0.752 (19.10)	0.508 (12.90)
0.049 to 0.079 (1.25 to 2.00)	0.760 (19.30)	0.508 (12.90)
0.079 to 0.118 (2.00 to 3.00)	0.775 (19.69)	0.508 (12.90)

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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 industrystandard panel cut-outs
- Mechanical life: min. 100,000 operations

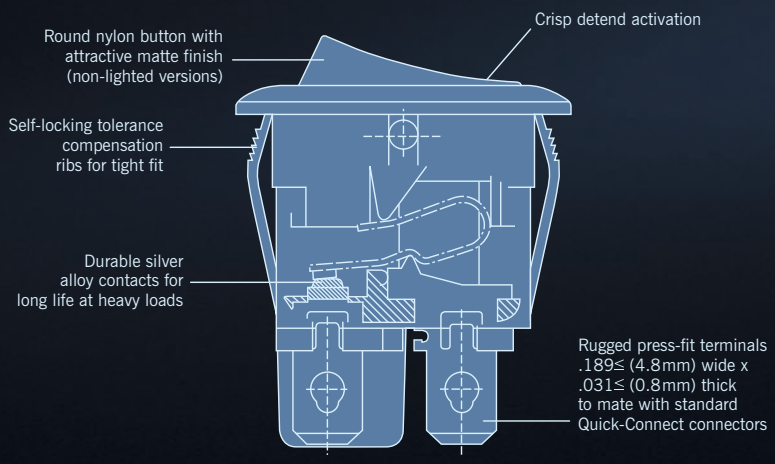
Specifications

Electrical	
Dielectric Strength:	1000VAC for 1 minute
Insulation Resistance:	10^8 ohms min at 500VDC
Initial Contact Resistance:	.020 ohms max
Ambient temperature:	-20°C to +125°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 Allo

Electrical Ratings

			Electrical Life at Rated Load	
Switch Series	**EN61058 Rating**	**UL1054 Rating**	**According to VDE** (Min. Operations)	**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

UL File No.: E23301
RoHS compliant



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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 (4.80) Quick-Connect	Black/Black	
RRA32H3FBBNN		On – Off	0.187 (4.80) Quick-Connect	Black/Black	
RRA22H3FBRNN		On – Off	0.187 (4.80) Quick-Connect	Red/Black	
RRA22H3BBRLN		On – Off/Lighted	0.187 (4.80) Quick-Connect	Red/Black	
RRA32H3BBRLN		On – Off/Lighted	0.187 (4.80) Quick-Connect	Red/Black	

Ordering Information

RR – Series

A – Contact Rating

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 – Circuitry

Code	Circuitry
2	Single-Pole
3	Double-Pole

2 – Switch Function

Code	Switch Function
2	On – Off

H – Terminal Type inches (mm)

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

3 – Actuator Type

Code	Actuator Type
3	Round

F – Actuator Marking

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

B – Housing Color

Code	Housing Color
B	Black
W	White
Y	Grey

B – Actuator Color

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

N – Lighted

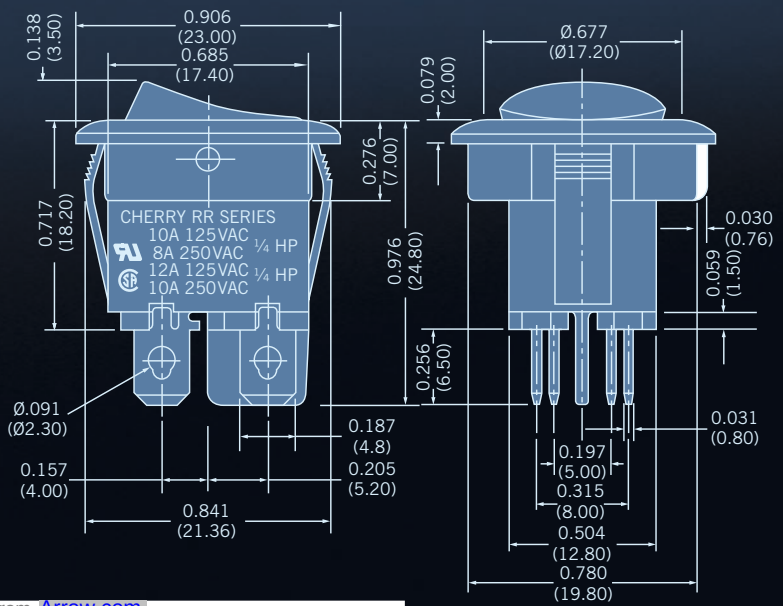
Code	Lighted
N	Non-Lighted
L	Lighted (Bulb 125VAC)
E	Lighted (Bulb 250VAC)
G	Lighted 6VDC Incandescent
H	Lighted 12VDC Incandescent

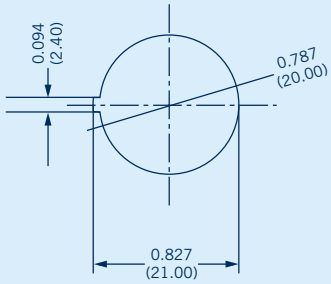
N – Body Type

Code	Body Type
N	No Splashproof Rocker Boot

Specifications subject to change without notice.

Dimensions inches (mm)





Panel Cut-Out Dimensions for Panel Thickness

inches (mm)
0.039 to0.078 (1.00 to 2.00)

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ROUND ROCKER SWITCH FOR HIGHER LOADS

SR Series



Features

- 20 amp switching in a compact design
- Available in a variety of colors
- Self-locking tabs and anti-rotation pin for snug fit
- Mechanical life: min. 50,000 operations

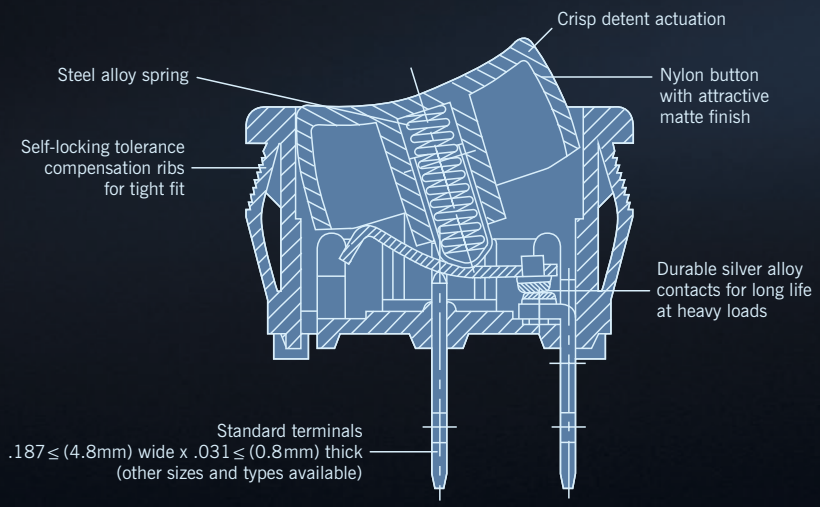
Specifications

Electrical	
Dielectric Strength:	1000VAC for 1 minute
Insulation Resistance:	10^8 ohms min at 500VDC
Initial Contact Resistance:	0.020 ohms max
Ambient temperature:	-20°C to +65°C
Materials	
Actuator:	Nylon 66 94V-2
Base:	Nylon 66 94V-2
Contacts:	Silver Alloy
Movable Arm	Silver-Plated Copper Alloy
Terminals:	Tin-Plated Copper Alloy

Electrical Ratings

			Electrical Life at Rated Load	
Switch Series	**EN61058 Rating**	**UL1054 Rating**	**According to VDE** (Min. Operations)	**According to UL** (Min. Operations)
SR	N/A	20A, 125VAC; 12A, 250VAC	N/A	6,000

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RoHS compliant



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Examples of Common Part Numbers and Descriptions inches (mm)

Part Number	Circuitry	Switch Function	Terminal Type	Actuator/Housing Color	Legend Marking
SRJ22A3BBBNN		On – Off	0.187 (4.80) Quick-Connect	Black/Black	◯
SRJ23A3BBBNN		On – Off	0.187 (4.80) Quick-Connect	Black/Black	◯

Ordering Information

SR J 2 4 A 3 H B B N N

Series

Contact Rating

Code	
J	20A, 125VAC; 12A, 250VAC (UL, cUL)

Circuitry

Code	
2	Single-Pole

Switch Function

Code	
2	On – Off
3	On – On

Terminal Type inches (mm)

Code	
A	0.187 (4.80) Quick-Connect

Actuator Type

Code	
3	Round

Actuator Marking

Code		
B	Blank	
C	LO	HI
D	OFF	ON
E	O	I
F	O	—

Housing Color

Code	
B	Black
W	White
Y	Grey

Actuator Color

Code	
B	Black
W	White
Y	Grey

Lighted

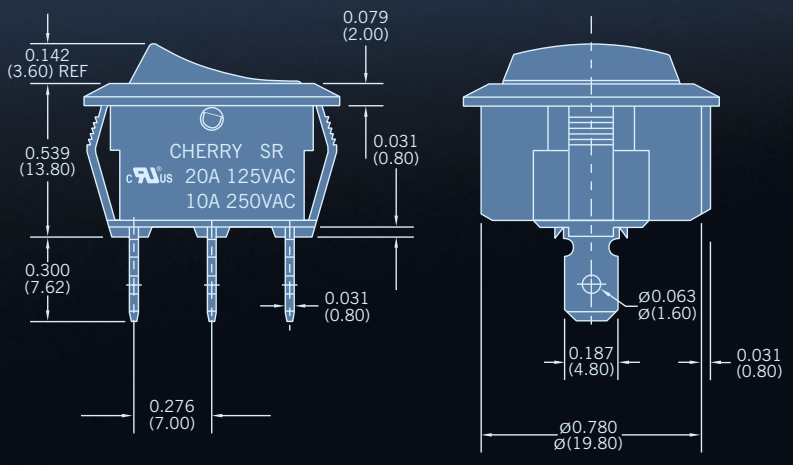
Code	
N	Non-Lighted

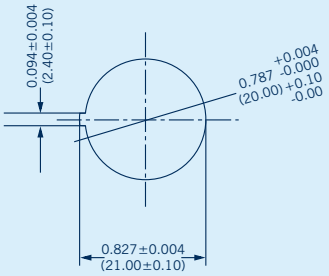
Body Type

Code	
N	No Rocker Boot

Specifications subject to change without notice.

Dimensions inches (mm)





Panel Cut-Out Dimensions for Panel Thickness

inches (mm)
0.039 to 0.078 (1.00 to 2.00)

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ULTRA-MINIATURE ROCKER SWITCH

PR Series



Features

- Smallest agency-approved panel-mount power rocker switch
- Available in a variety of colors
- Low-profile design
- Mechanical life: min. 50,000 operations

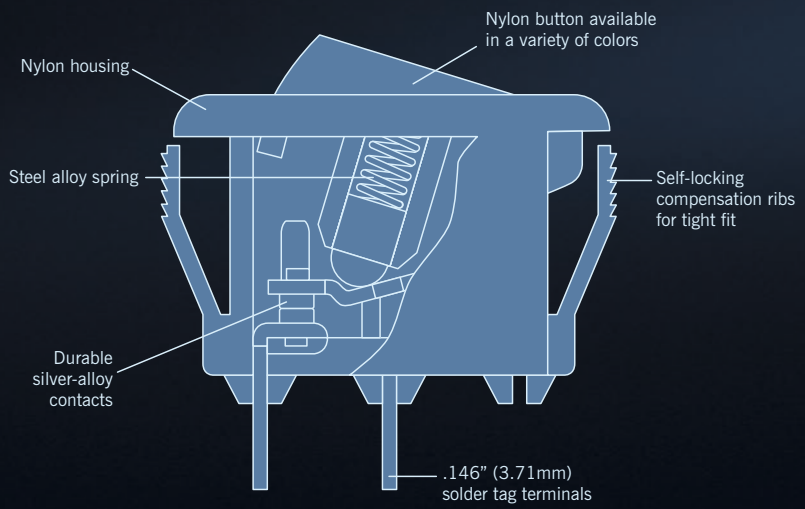
Specifications

Electrical	
Dielectric Strength:	1000VAC for 1 minute
Insulation Resistance:	10^8 ohms min at 500VDC
Initial Contact Resistance:	20μ ohms max
Ambient temperature:	-20°C to +100°C
Materials	
Actuator:	Nylon 66 94V-2
Base:	Nylon 66 94V-2
Spring:	Piano Wire
Contact:	Silver Alloy
Terminals:	Silver-Plated Copper Alloy

Electrical Ratings

			Electrical Life at Rated Load	
Switch Series	**EN61058 Rating**	**UL1054 Rating**	**According to VDE** (Min. Operations)	**According to UL** (Min. Operations)
PR	3A, 250VAC, T100/55	6A, 125VAC, 3A 250VAC	10,000	6,000

UL File No.: E23301
RoHS compliant



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Examples of Common Part Numbers and Descriptions inches (mm)

Part Number	Circuitry	Switch Function	Terminal Type	Actuator/Housing Color	Legend Marking
PRK22J5BBBNN		On – Off	0.146 (3.71) Solder Tag	Black/Black	
PRK22J5DBBNN		On – Off	0.146 (3.71) Solder Tag	Black/Black	

Ordering Information

PR	K	2	2	J	5	B	B	B	N	N
Series										

Code | **Contact Rating**
K | 6A 125VAC, 3A 250VAC (UL, cUL) 3A 250V~ T100/55 (VDE)

Code | **Circuitry**
2 | Single-Pole

Code | **Switch Function**
2 | On – Off

Code | **Terminal Type** inches (mm)
J | 0.146 (3.71) Solder Tag

Code | **Actuator Type**
5 | Flat

Code | **Actuator Marking**

B	Blank	
C	LO	HI
D	OFF	ON
E	O	I
F	O	—
G		•

Code | **Housing Color**
B | Black
W | White
Y | Grey

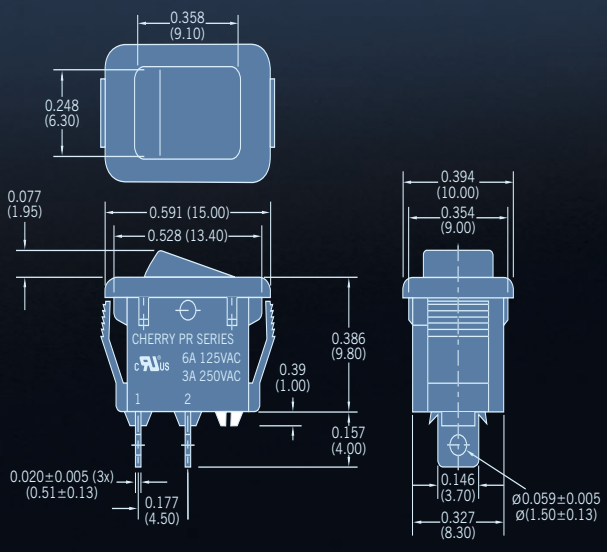
Code | **Actuator Color**
B | Black
R | Red
W | White
Y | Grey

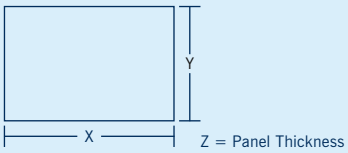
Code | **Lighted**
N | Non-Lighted

Code | **Body Type**
N | No Splashproof Rocker Boot

Specifications subject to change without notice.

Dimensions inches (mm)





Recommended Panel Cut-Out Dimensions

inches (mm)

Dim. Z	Dim. X	Dim. Y
0.030 to 0.049 (0.76 to 1.25)	0.535 (13.60)	0.362 ±.004 (9.20 ±0.10)
0.049 to 0.079 (1.25 to 2.01)	0.539 (13.70)	0.362 ±.004 (9.20 ±0.10)
0.079 to 0.098 (2.01 to 2.50)	0.543 (13.80)	0.362 ±.004 (9.20 ±0.10)

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WATERPROOF ROCKER & PUSHBUTTON SWITCH

K Series



Features

- Enclosed switches complying to IP56 or IP65
- AC and DC electrical ratings
- Lighted and non-lighted versions
- Variety of UL and VDE approvals
- Snap-in mounting

Specifications

Electrical

Dielectric Strength:	1500VAC for 1minute
Insulation Resistance:	10^8 ohms min at 500VDC
Initial Contact Resistance:	0.050 ohms max
Max ambient temperature:	85°C

Applications Include

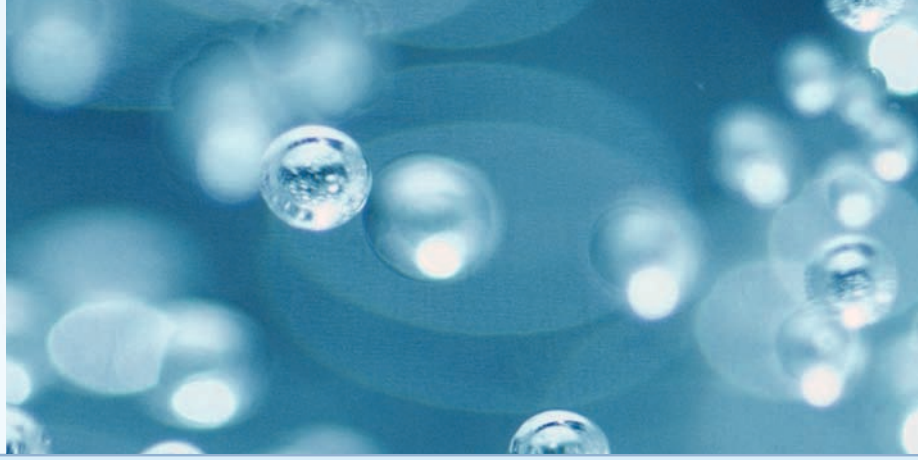
Electrical Ratings

Switch Series	VDC Rating	EN61058 Rating*	UL1054 Rating**
KF	20A 14VDC; 10A 28VDC		10A 125VAC; 6A 250VAC; 1/2HP 125-250VAC
KD	20A 14VDC; 10A 28VDC		16A 125VAC; 10A 250VAC
KC	20A 14VDC; 10A 28VDC	10(4)A 250V	16A 125VAC; 10A 250VAC
KR	———		16A 125VAC 1/3HP; 10A 250VAC 1/2HP; 16A 12 V DC; 6A 28 V DC
KS	21A, 14VDC		16A 125VAC; 10A 277VAC; 3/4HP 125-277VAC
KG	21A, 14VDC		20A125VAC; 10A 250VAC
KT	21A, 14VDC	10(4)A 250V	20A125VAC 1/3HP; 10A 250VAC 3/4HP
KM	———	21A 14VDC; 20A 125VAC; 10A 250VAC (no approvals)	———

* According to VDE, electrical life at rated load = 10,000 min. operations
** According to UL, electrical life at rated load = 6,000 min. operations

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Switch Specifications

KG Series	KR Series	KF Series	KM Series	KT Series	KC Series	KD Series	KS Series
							
Rocker	Rocker	Pushbutton	Rocker	Rocker	Rocker	Rocker	Rocker
Approvals							
UL	UL	UL	–	UL/VDE	UL/VDE	UL	UL
Approximate Panel Cut-out							
1.449" X 0.835" (36.80 x 21.20mm)	0.780" x 0.512" (19.80 x 13.00mm)	Round 0.795" (20.20mm) dia.	1.449" X 0.835" (36.80 x 21.20mm)	1.454" x 0.602" (36.8 x 15.2mm)	Round 0.795" (20.20mm) dia.	Round 0.795" (20.20mm) dia.	1.449" X 0.835" (36.80 x 21.20mm)
Protection Rating							
IP56	**IP65**	**IP65**	**IP56**	**IP56**	**IP56**	**IP56**	**IP56**
Poles & Throws							
SPST	SPST	SPST	SPST	SPST	SPST	DPST	SPST
SPDT	SPDT	DPST	SPDT	SPDT		DPDT	SPDT
DPST			DPST				DPST
DPDT			DPDT				DPDT
Switch Functions							
On - Off	On - Off	On - Off	On - Off	On - Off	On - Off	On - Off	On - Off
On - On	On - On	(On) - Off	On - On	On - On		On - On	On - On
On - Off - On	(On) - Off		On - Off - On	On - Off - On		On - Off - On	
(On) - Off			(On) - Off				
On - (Off)			On - (Off)				
On - (On)			On - (On)				
On - Off - (On)			On - Off - (On)				
(On) - Off - (On)			(On) - Off - (On)				
Terminal Options							
0.250" (6.35mm) Quick Connect	0.187" (4.75mm) Quick Connect	0.187" (4.75mm) Quick Connect	0.250" (6.35mm) Quick Connect	0.250" (6.35mm) Quick Connect	0.187" (4.75mm) Quick Connect	0.187" (4.75mm) Quick Connect	0.250" (6.35mm) Quick Connect
Screw (No. 6-32UNC)					Solder (Round) 0.173" (4.4mm) dia.		Screw (No. 6-32UNC)
Solder (Square) 0.189" (4.8mm)					PC Through-hole Straight		Solder (Square) 0.189" (4.8mm)
Lighted Version Available							
No	Yes	Yes	Yes	Yes	Yes	Yes	No

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