

Product Catalog

Rocker Switch

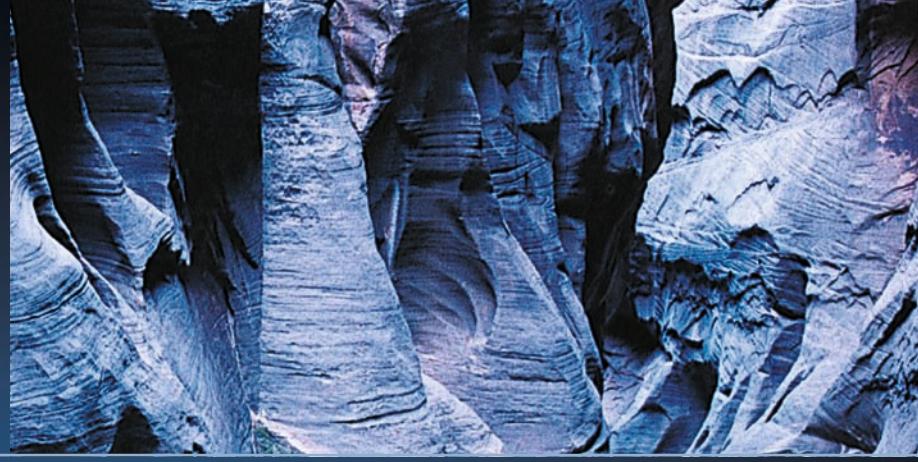


CHERRY ®



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.



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
LR Series – Double Pole Rocker Switch	14
RR Series – Round Rocker Switch	16
SR Series – Round Rocker Switch for higher loads	18

Ultra-miniature

PR Series – Ultra-miniature Rocker Switch	20
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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

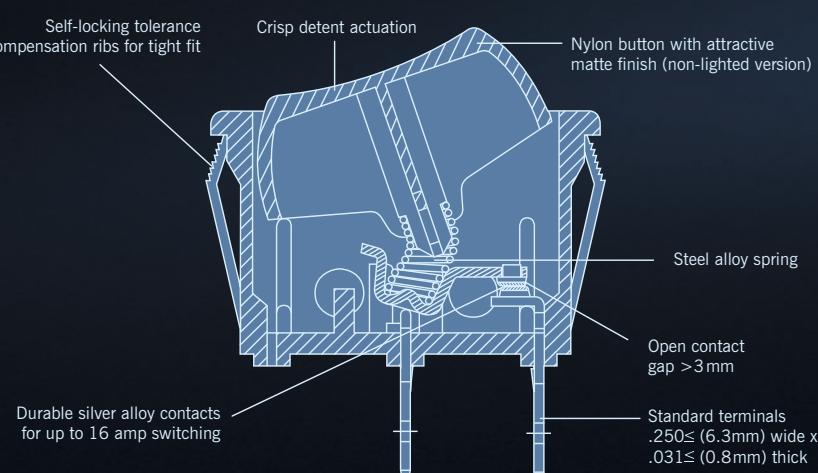
Actuator (non-lighted):	Nylon 66 94V-2
Actuator (lighted):	Polycarbonate
Case:	Nylon 66 94V-2
Spring:	Steel Wire
Contacts:	Silver Alloy
Movable Arm:	Silver-Plated Copper Alloy
Fixed Contact Terminals:	Tin-Plated Copper Alloy

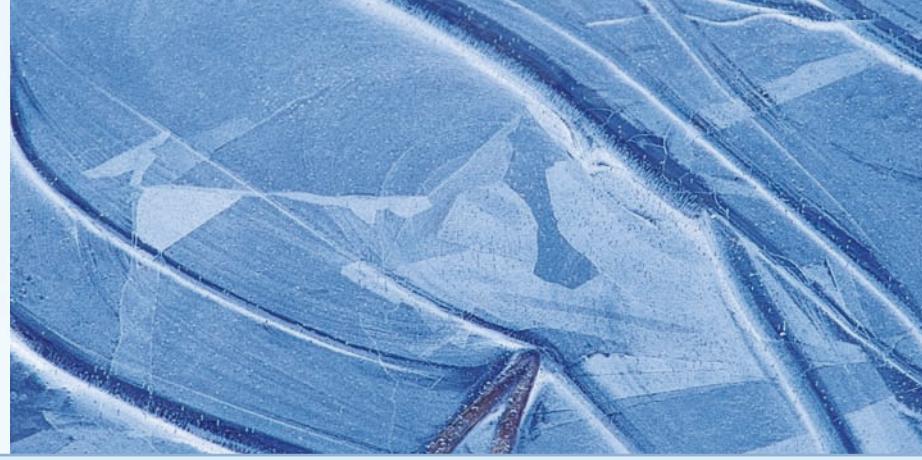
Electrical Ratings

Switch Series	EN61058 Rating	UL1054 Rating	Electrical Life at Rated Load	
			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





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	—○— ^W	On – Off/Lighted	0.250 (6.30) Quick-Connect	Red/Black	

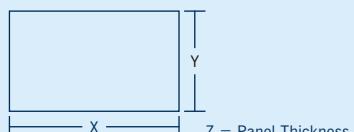
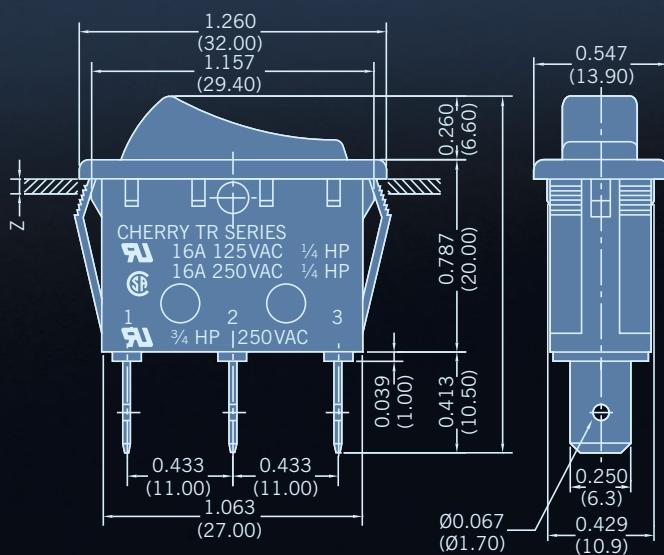
Boot #0015-0662

Ordering Information

TR	G	2	2	F	B	B	N	N
Series		Code Circuitry	Code Switch Function	Code Actuator Type	Code Housing Color	Code Actuator Color	Code Lighted	Code Splashproof
		2 Single-Pole	2 On – Off	2 Curve	E Charcoal Grey	Y Grey	N Non-Lighted	N No Rocker Boot
			3 On – On	5 Flat	Y Grey	B Black	L Lighted (Bulb 125VAC)	S Waterproof Boot
			5 (On) – Off		W White		E Lighted (Bulb 250VAC)	
			6 (On) – On				F Lighted 5VDC Incandescent	
							G Lighted 6VDC Incandescent	
							H Lighted 12VDC Incandescent	
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 Terminal Type inches (mm)	Code Actuator Marking	Code	Code	Code	Code
			F 0.250 (6.3) QC	B Blank	Lighted	Lighted	Lighted	Lighted
				C ○ H	Non-Lighted	Non-Lighted	Non-Lighted	Non-Lighted
				D +○ +○				
				E O I				
				F O —				
				G •				

Specifications subject to change without notice.

Dimensions inches (mm)



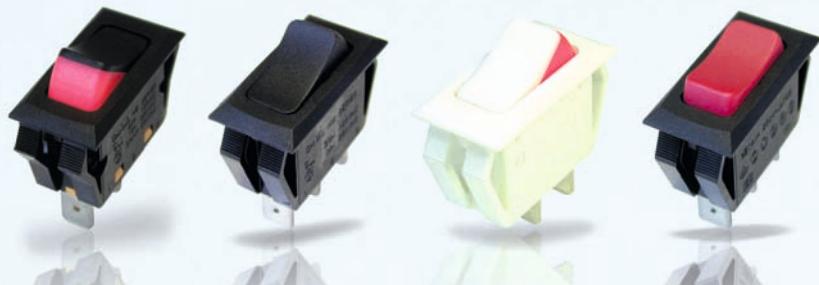
Recommended Panel Cut-Out Dimensions

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)

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

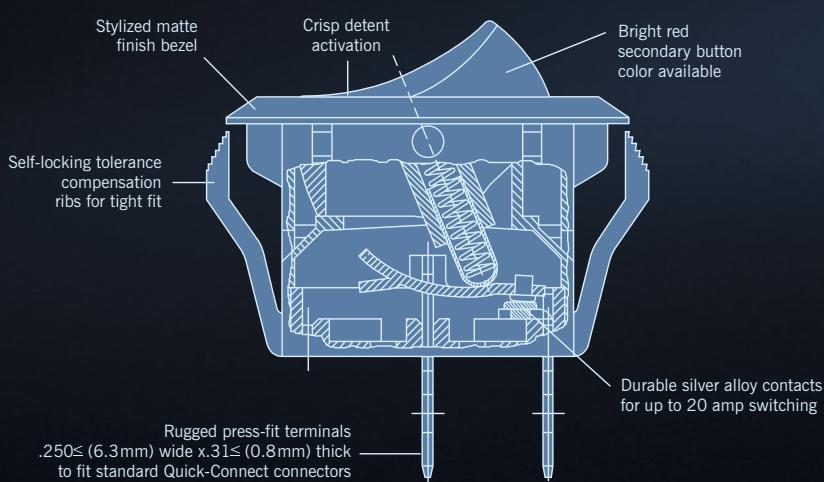
Actuator (non-lighted):	Nylon 66 94V-2
Actuator (lighted):	Polycarbonate
Housing:	Nylon 66 94V-2
Case:	Nylon 66 94V-2
Spring:	Steel Wire
Contacts:	Silver Alloy
Movable Arm:	Silver-Plated Copper Alloy
Terminals:	Tin-Plated Copper Alloy

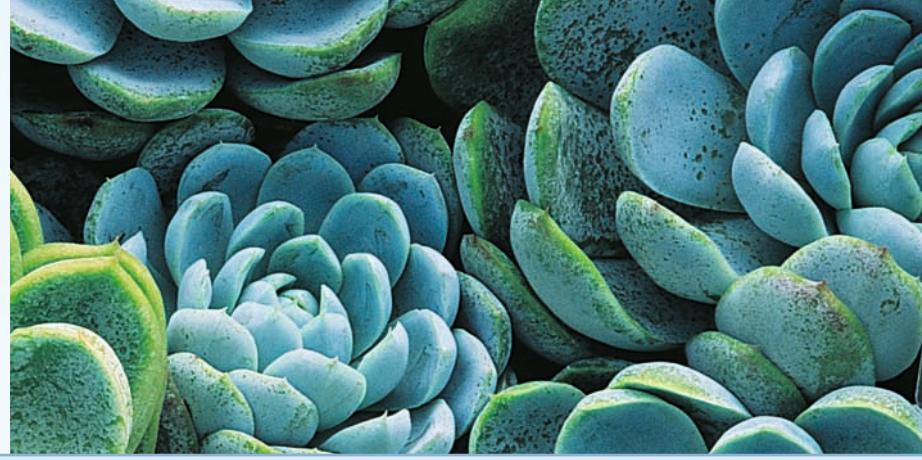
Electrical Ratings

Switch Series	EN61058 Rating	UL1054 Rating	Electrical Life at Rated Load	
			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





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	□ ○ II
CRE22F2BBRLE	—○○— W	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	□ ○

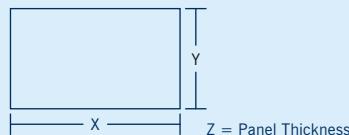
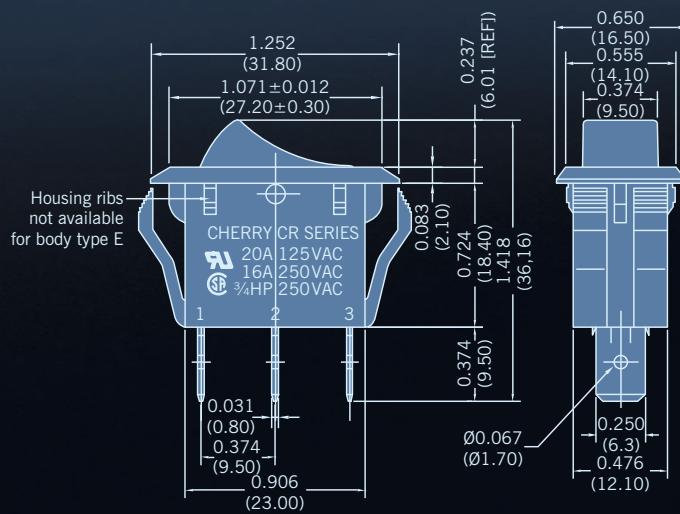
Ordering Information

CR	E	2	2	F	B	B	N	E
Series	Code	Circuitry	Code	Switch Function	Code	Housing Color	Code	Lighted
	2	Single-Pole	2	On – Off	2	Charcoal Grey	N	Non-Lighted
Code	Contact Rating	E	3	On – On	Y	Grey	L	Lighted (Bulb 125VAC)
	20A, 125VAC; 16A, 250VAC (UL/CSA) 3/4HP, 250VAC (UL)	4	On – Off – On	B	Black	E	Lighted (Bulb 250VAC)	
	3/4HP, 1.25/250VAC (CSA)			R	Red	F	Lighted 5VDC Incandescent	
	16(4)A, 250VAC~, T125 (VDE)			W	White	G	Lighted 6VDC Incandescent	
						H	Lighted 12VDC Incandescent	
			Code	Actuator Type	Code	Actuator Color	Code	Body Type inches (mm)
			2	Curve – One Color	Y	Grey	E	0.476 (12.10) Non-Washable
			3	Curve – Two Color	B	Black	F	0.528 (13.1) Non-Washable
			4	Red Mold	G	Green	G	0.543 (13.8) Non-Washable
					R	Red	W	0.543 (13.8) Washable Conforms to IP42
					A	Amber		
					W	White		
					S	Semi-transparent Nylon Red		
					P	Charcoal Grey		
			Code	Actuator Marking				
			B	Blank				
			D	—	NO			
			E	O	I			
			F	O	—			
			K	OFF	ON			
			H	I	O II			
			P	OFF	ON			

Specifications subject to change without notice.

Note: Washable version not available lighted.

Dimensions inches (mm)



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)

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

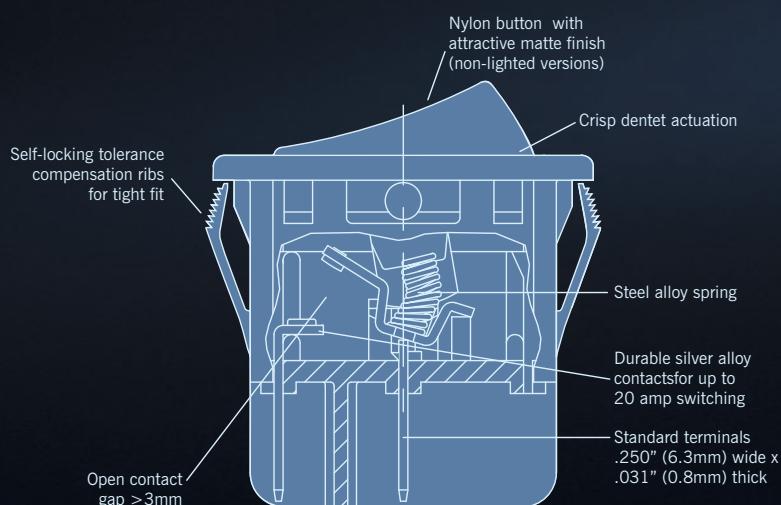
Actuator (non-lighted):	Nylon 66 94V-2
Actuator (lighted):	Polycarbonate
Case:	Nylon 66 94V-2
Spring:	Steel Wire
Contacts:	Silver Alloy
Movable Arm:	Silver-Plated Copper Alloy
Terminals:	Tin-Plated Copper Alloy

Electrical Ratings

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 125/250VAC; 3/4HP 125/250VAC	10,000	6,000



UL File No.: E23301
RoHS compliant

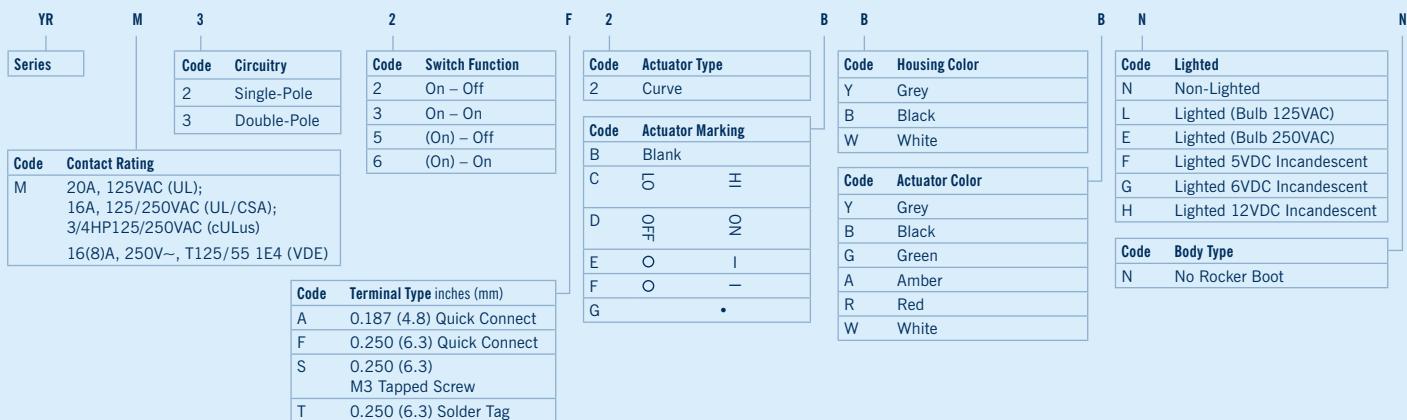




Examples of Common Part Numbers and Descriptions

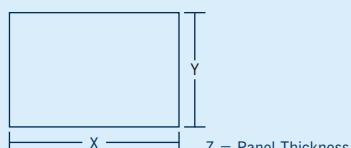
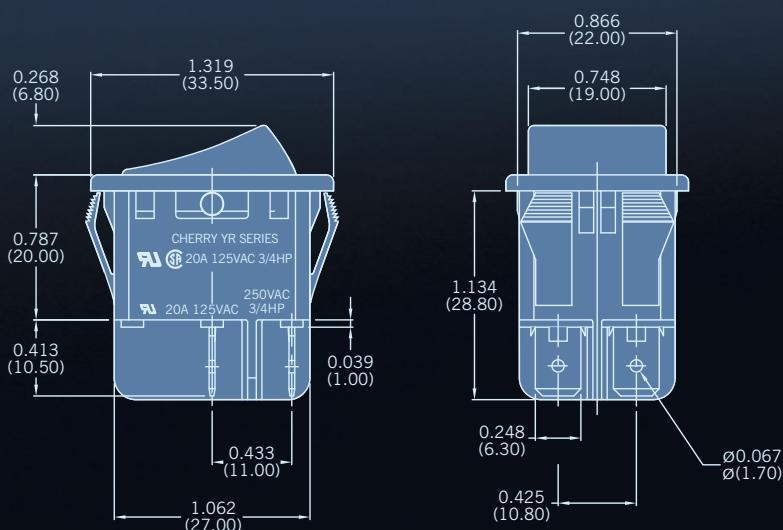
Part Number	Circuitry	Switch Function	Terminal Type	Actuator/Housing Color	Legend Marking
YRM32F2FBBNN		On – Off	0.250 (6.30) Quick Connect	Black/Black	
YRM33F2BBBNN		On – On	0.250 (6.30) Quick Connect	Black/Black	
YRM32F2BBLRN		On – Off/Lighted	0.250 (6.30) Quick Connect	Red/Black	

Ordering Information



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)

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

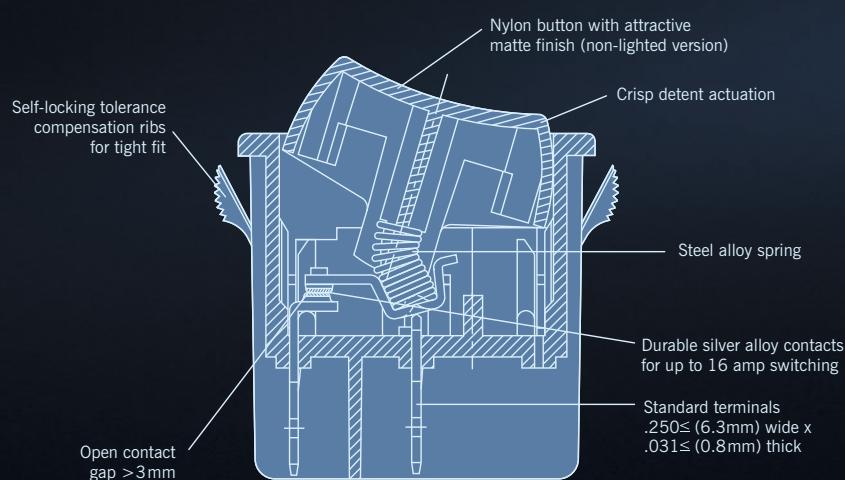
Materials

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

Switch Series	EN61058 Rating	UL1054 Rating	Electrical Life at Rated Load	
			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





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	
WRG32F2BBLRN		On – Off/Lighted	0.250 (6.30) Quick-Connect	Red/Black	

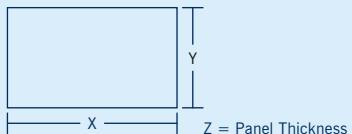
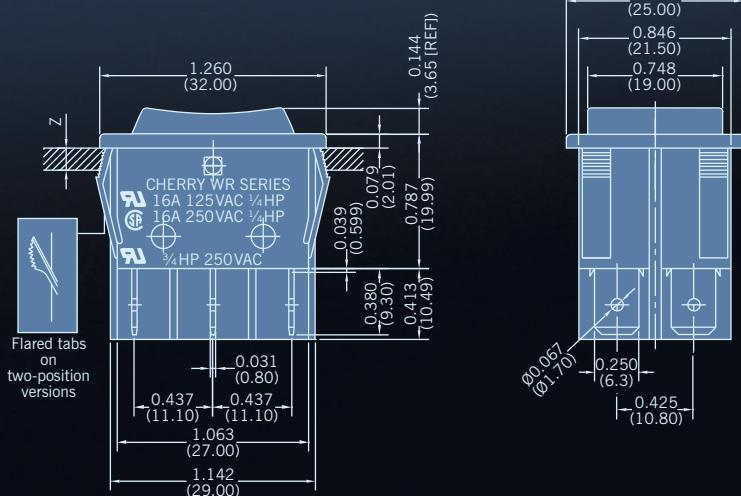
Boot #0015-0646

Ordering Information

WR	G	3	2	F	2	F	B	B	N	N
Series		Code Circuitry	Code Switch Function	Code Actuator Type	Code Actuator Type	Code Actuator Marking	Code Housing Color	Code Actuator Color	Code Lighted	Code Lighted
		2 Single-Pole	2 On – Off	2 Curve	Y Grey	B Blank	Y Grey	B Black	N Non-Lighted	G Lighted 125VAC
		3 Double-Pole	3 On – On	5 Flat Actuator	B Black	C	C	G Green	L Lighted (Bulb 125VAC)	H Lighted 250VAC
			5 (On) – Off	7 Curve – Dual Actuator	W White	D	E	A Amber	F Lighted 5VDC Incandescent	
			6 (On) – On			F	F	R Red	G Lighted 6VDC Incandescent	
						G	G	W White	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)

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

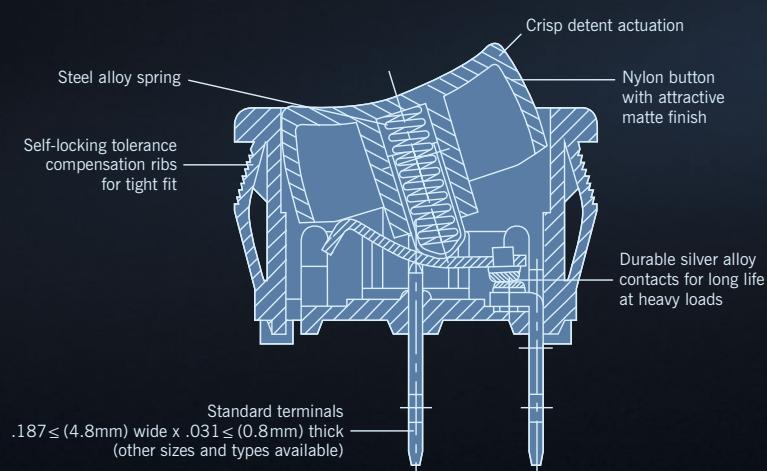
Materials

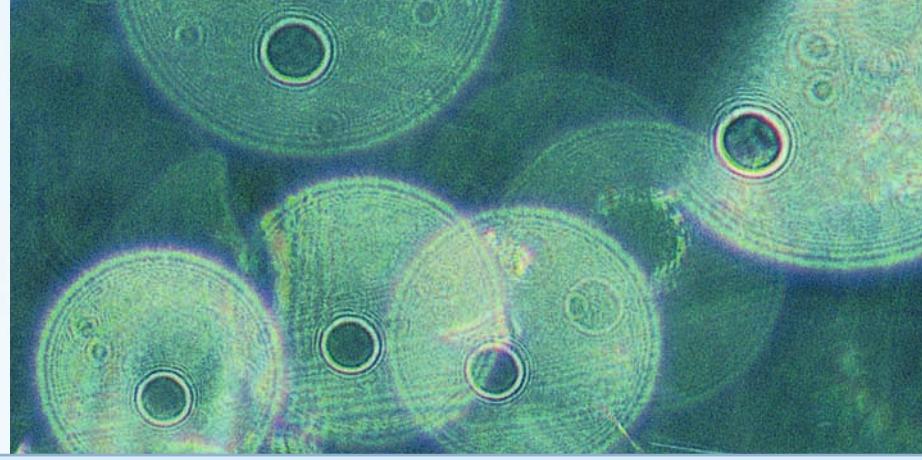
Actuator:	Nylon 66 94V-2
Case:	Nylon 66 94V-2
Spring:	Steel Wire
Contacts:	Silver or Copper Alloy
Movable Arm:	Silver-Plated Copper Alloy
Terminals:	Tin-Plated Copper Alloy

Electrical Ratings

Switch Series	EN61058 Rating	UL1054 Rating	Electrical Life at Rated Load	
			According to VDE (Min. Operations)	According to UL (Min. Operations)
SR	10(4)A, 250V~, μ T85	10A, 125VAC; 6A, 250VAC	10,000	6,000

   UL File No.: E23301
RoHS compliant

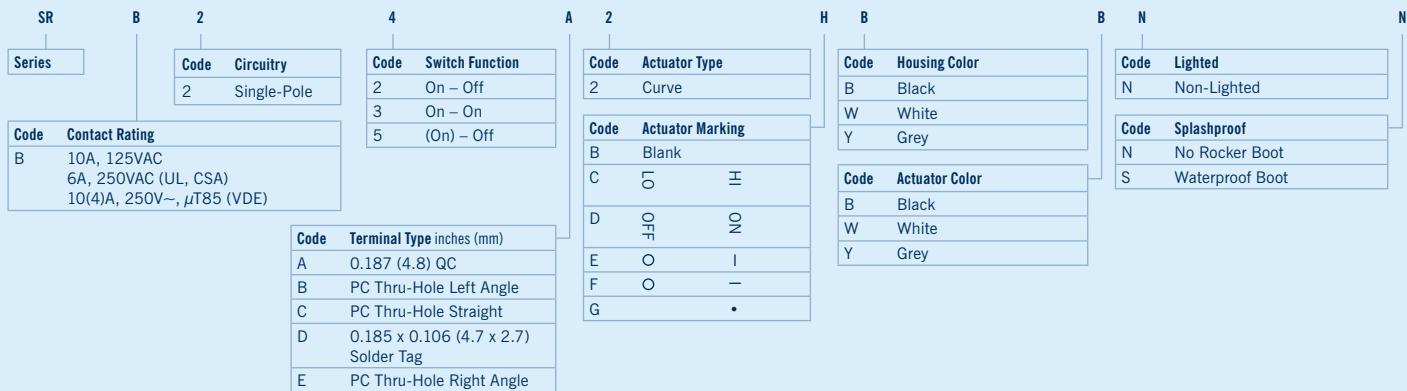




Examples of Common Part Numbers and Descriptions

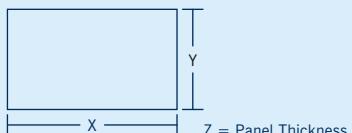
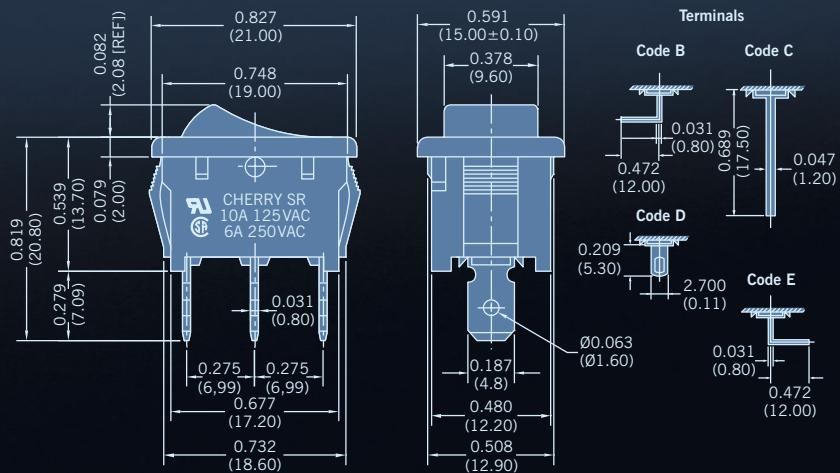
Part Number	Circuitry	Switch Function	Terminal Type	Actuator/Housing Color	Legend Marking
SRB22A2FBNN	—○—	On – Off	0.187 (4.80) Quick-Connect	Black/Black	
SRB22A2BBNN	—○—	On – Off	0.187 (4.80) Quick-Connect	Black/Black	
SRB22A2DBBN	—○—	On – Off	0.187 (4.80) Quick-Connect	Black/Black	
SRB23A2BBNN	—○—	On – On	0.187 (4.80) Quick-Connect	Black/Black	

Ordering Information



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)	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)

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 industry standard 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

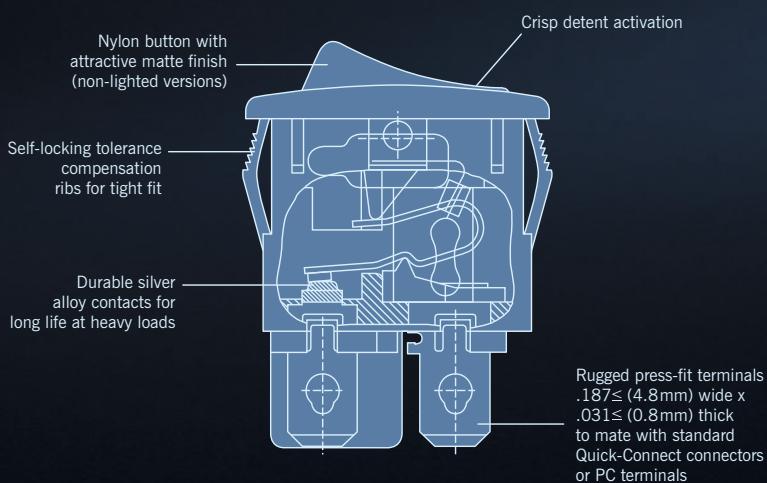
Actuator (non-lighted):	Nylon 66 94V-2
Actuator (lighted):	Polycarbonate
Case:	Nylon 66 94V-2
Contacts:	Silver Alloy
Movable Arm:	Copper Alloy
Terminals:	Tin-Plated Copper Alloy

Electrical Ratings

Switch Series	EN61058 Rating	UL1054 Rating	Electrical Life at Rated Load	
			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





Examples of Common Part Numbers and Descriptions

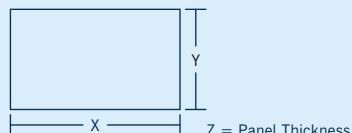
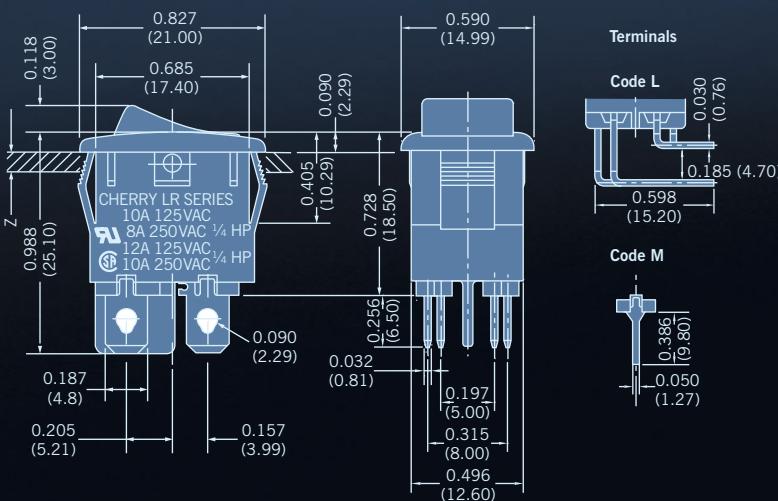
Part Number	Circuitry	Switch Function	Terminal Type	Actuator/Housing Color	Legend Marking
LRA22H2FBBNN	—○—	On – Off	0.187 (4.80) Quick-Connect	Black/Black	
LRA32H2FBBNN	○—○—	On – Off	0.187 (4.80) Quick-Connect	Black/Black	
LRA22H2BBBNN	—○—	On – Off	0.187 (4.80) Quick-Connect	Black/Black	
LRA32H2BBBNN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

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)	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)

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

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

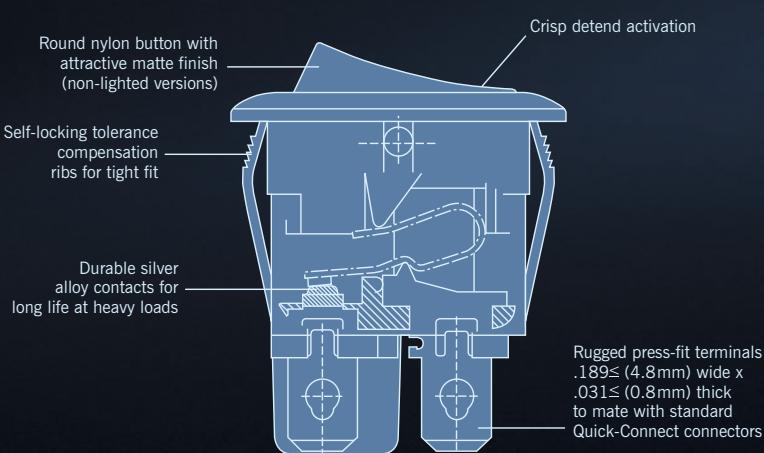
Actuator (non-lighted):	Nylon 66 94V-2
Actuator (lighted):	Polycarbonate
Base:	Nylon 66 94V-2
Contacts:	Silver Alloy
Movable Arm:	Copper Alloy
Terminals:	Tin-Plated Copper Allo

Electrical Ratings

Switch Series	EN61058 Rating	UL1054 Rating	Electrical Life at Rated Load	
			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
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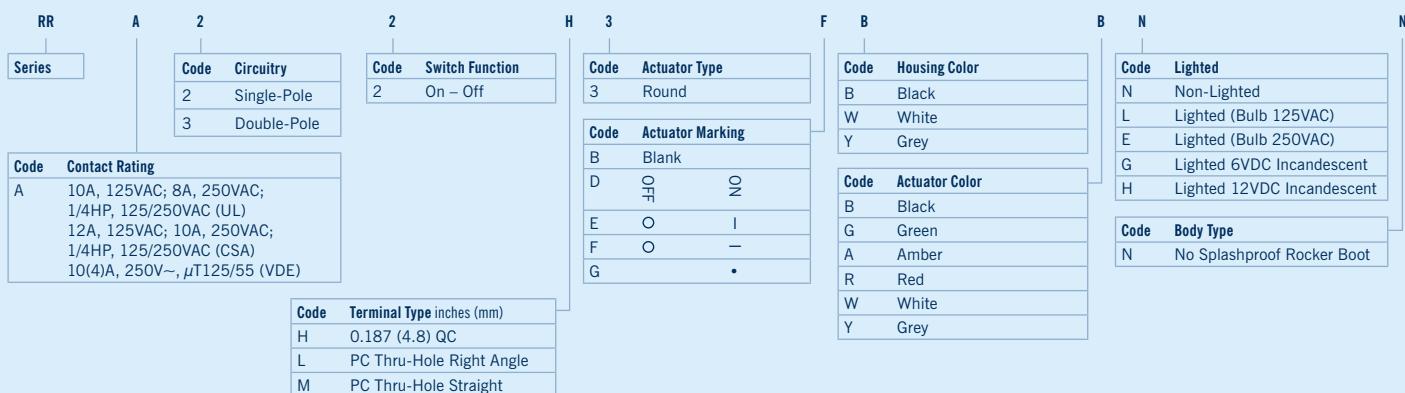




Examples of Common Part Numbers and Descriptions inches (mm)

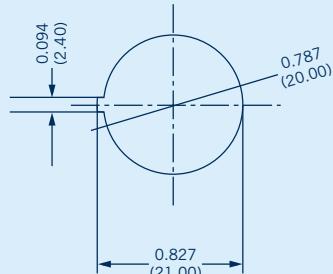
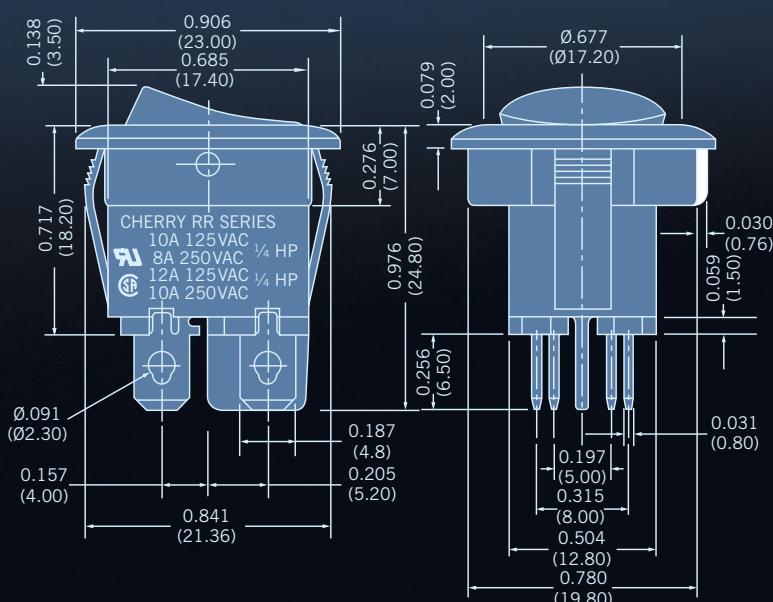
Part Number	Circuitry	Switch Function	Terminal Type	Actuator/Housing Color	Legend Marking
RRA22H3BBBNN	—○—	On – Off	0.187 (4.80) Quick-Connect	Black/Black	○
RRA32H3FBNN	—○○—	On – Off	0.187 (4.80) Quick-Connect	Black/Black	○○
RRA22H3FBRNN	—○—	On – Off	0.187 (4.80) Quick-Connect	Red/Black	○○-
RRA22H3BBRLN	—○○—○—	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



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)

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

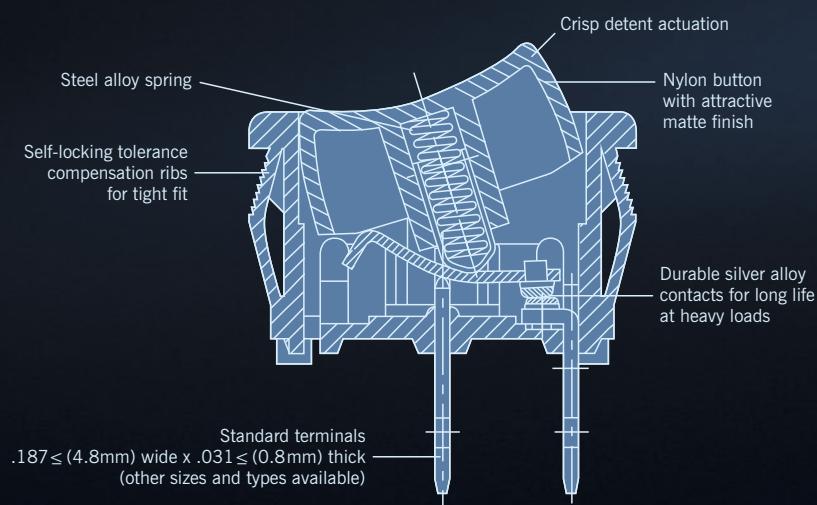
Actuator:	Nylon 66 94V-2
Base:	Nylon 66 94V-2
Contacts:	Silver Alloy
Movable Arm	Silver-Plated Copper Alloy
Terminals:	Tin-Plated Copper Alloy

Electrical Ratings

Switch Series	EN61058 Rating	UL1054 Rating	Electrical Life at Rated Load	
			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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Examples of Common Part Numbers and Descriptions inches (mm)

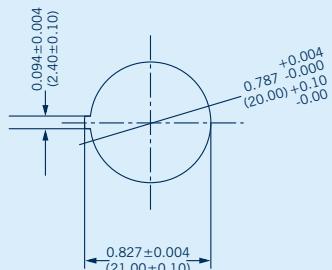
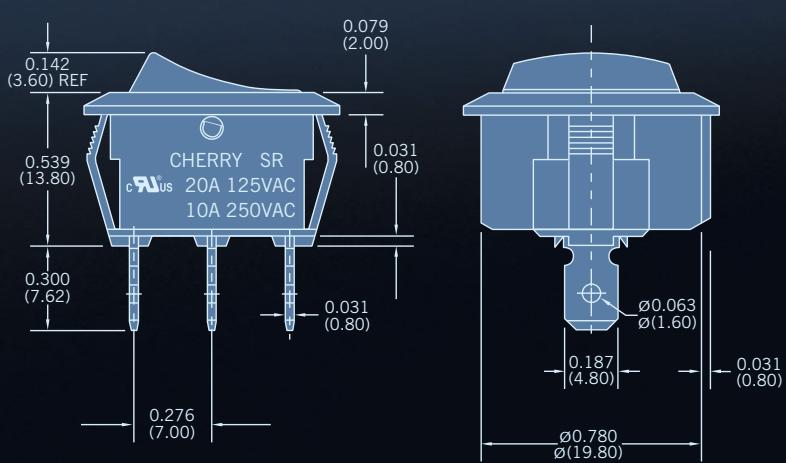
Part Number	Circuitry	Switch Function	Terminal Type	Actuator/Housing Color	Legend Marking
SRJ22A3BBBNN	—○—	On – Off	0.187 (4.80) Quick-Connect	Black/Black	○
SRJ23A3BBBNN	—○○—	On – Off	0.187 (4.80) Quick-Connect	Black/Black	○

Ordering Information

SR	J	2	4	A	3	H	B	N	N
Series		Code Circuitry	Code Switch Function	Code Actuator Type	Code Actuator Marking	Code Housing Color	Code Lighted	Code Body Type	
		2 Single-Pole	2 On – Off	3 Round	B Blank	B Black	N Non-Lighted		
Code Contact Rating			3 On – On		C ○ ≡	W White			
J 20A, 125VAC; 12A, 250VAC (UL, cUL)				D OFF NO	Y Grey				
				E O I					
				F O —					
		Code Terminal Type inches (mm)							
		A 0.187 (4.80) Quick-Connect							

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)

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

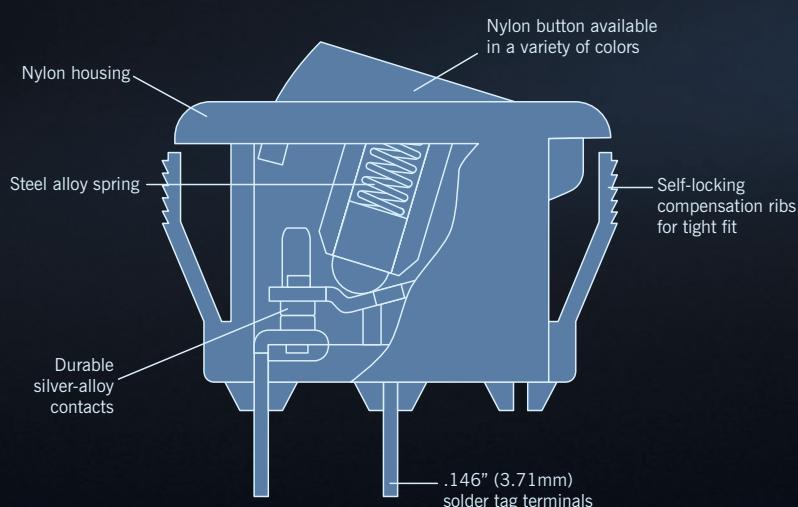
Actuator:	Nylon 66 94V-2
Base:	Nylon 66 94V-2
Spring:	Piano Wire
Contact:	Silver Alloy
Terminals:	Silver-Plated Copper Alloy

Electrical Ratings

Switch Series	EN61058 Rating	UL1054 Rating	Electrical Life at Rated Load	
			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





Examples of Common Part Numbers and Descriptions inches (mm)

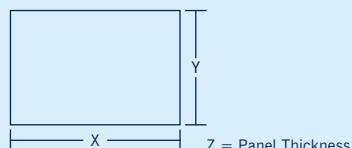
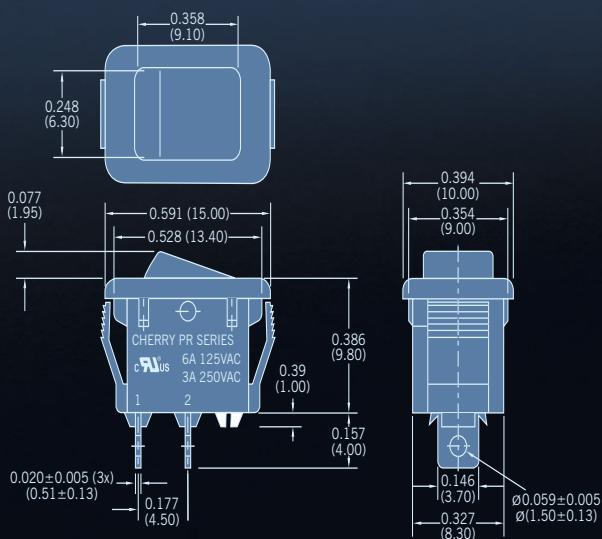
Part Number	Circuitry	Switch Function	Terminal Type	Actuator/Housing Color	Legend Marking
PRK22J5BBBNN	—○—	On – Off	0.146 (3.71) Solder Tag	Black/Black	
PRK22J5DBBNN	—○—	On – Off	0.146 (3.71) Solder Tag	Black/Black	

Ordering Information

PR	K	2	2	J	5	B	B	B	N	N
Series	Code	Circuitry	Code	Actuator Type	Code	Code	Housing Color	Code	Lighted	Code
	2	Single-Pole	2	On – Off	5	Blank	Black	N	Non-Lighted	No Splashproof Rocker Boot
Code	Contact Rating		Code	Actuator Marking	C	—	White			
K	6A 125VAC, 3A 250VAC (UL, cUL) 3A 250V~ T100/55 (VDE)			OFF NO	D	—	Grey			
			Code	Actuator Color	E	O I				
			J	Code	F	O —	B			
			0.146 (3.71) Solder Tag	G		•	R			

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)

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

Applications Include

Specifications

Electrical

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

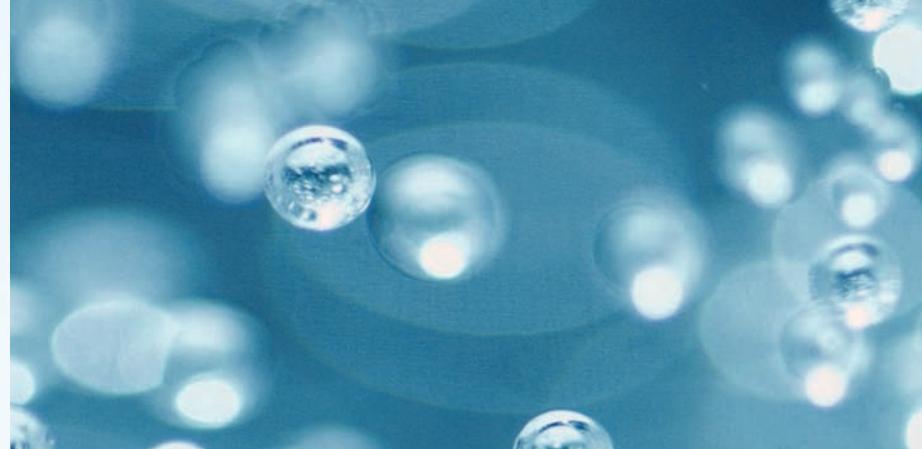
Electrical Ratings

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 12V DC; 6A 28V DC
KS	21A, 14VDC		16A 125VAC; 10A 277VAC; 3/4HP 125-277VAC
KG	21A, 14VDC		20A 125VAC; 10A 250VAC
KT	21A, 14VDC	10(4)A 250V	20A 125VAC 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

UL File No.: E23301
RoHS compliant



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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