



**THE DATASHEET OF  
R716FB1-SXXXNBDNNX**

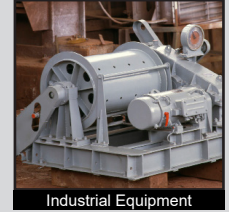
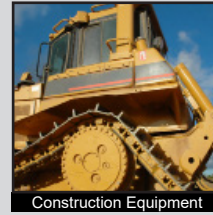


# R7 SERIES ROCKER SWITCH

ANTI-VANDAL SWITCHES  
DETECTOR SWITCHES  
DIP SWITCHES  
KEYLOCK SWITCHES  
NAVIGATION SWITCHES  
PUSHBUTTON SWITCHES  
ROCKER SWITCHES  
ROTARY SWITCHES  
SLIDE SWITCHES  
SNAP ACTION SWITCHES  
TACTILE SWITCHES  
TOGGLE SWITCHES  
CAP OPTIONS



## APPLICATIONS / MARKETS



RoHS

## SPECIFICATIONS

**Contact Ratings / Temp:**  
 B - 20(8)A @ 125/250VAC,  $\mu$ T55  
 D - 16A @ 6-30VDC,  $\mu$ T55  
 2 - 20(8)A @ 125/250VAC,  $\mu$ T85/T55  
 4 - 16A @ 6-30VDC,  $\mu$ T85/T55  
 8 - 20(8)A @ 125/250VAC,  $\mu$ 40T85/T55  
 9 - 16A @ 6-30VDC,  $\mu$ 40T85/T55  
**Agency Approvals:** cURus  
**Ingress Protection:** IP67 (Ratings B, D); IP40 (Ratings 2, 4, 8, 9)  
**Electrical Life:** 10,000 Cycles per UL61058  
**Contact Resistance:** 20m $\Omega$  Max. initial  
**Insulation Resistance:** 100 M $\Omega$  Min. @ 500VDC  
**Dielectric Strength:** 1,500VAC for 1 minute  
**Contact Arrangement:** SP or DP up to 3 positions  
**Panel Thickness:** 1.5 - 4.5mm

## FEATURES & BENEFITS

- Rated up to IP67
- UL Certified
- Ergonomic design
- Solder, faston or screw termination
- LED Illumination options
- Multiple functions
- Many actuator styles
- Custom actuator marking available

## PART NUMBER CONFIGURATOR

Series	Poles	Function	Terminal	Actuator Type	Marking	Lamp Voltage	Actuator Color	Ratings/Temp	LED#1	LED#2	Lens Color
R7	1 - SP 2 - DP	1 - On-Off 2 - On-On 3 - On-Off-On* 4 - (On)-Off 5 - (On)-On 6 - (On)-Off-(On) 7 - (On)-Off-On 8 - On-(Off)	F - Faston 1/4" S - Solder Lug W - Screw	XX - None A1 - Hard PC A2 - Hard PC A3 - Hard PC B1 - Soft TPR B2 - Soft TPR B3 - Soft TPR B4 - Soft TPR C1 - Hard PC C2 - Hard PC C3 - Hard PC D1 - Hard PC D2 - Hard PC D3 - Hard PC E1 - Soft TPR E2 - Soft TPR E3 - Soft TPR F1 - Soft TPR F2 - Soft TPR F3 - Soft TPR	SXXX	N - None 1 - 6VDC 2 - 12VDC 3 - 24VDC 4 - 125VAC 5 - 250VAC	X - None B - Black G - Grey	B - 20(8)A @ 125/250VAC, $\mu$ T55 D - 16A @ 6-30VDC, $\mu$ T55 2 - 20(8)A @ 125/250VAC, $\mu$ T85/T55* 4 - 16A @ 6-30VDC, $\mu$ T85/T55* 8 - 20(8)A @ 125/250VAC, $\mu$ 40T85/T55 9 - 16A @ 6-30VDC, $\mu$ 40T85/T55	N - None R - Red A - Amber G - Green	N - None R - Red A - Amber G - Green	X - None W - White G - Green

( ) denotes momentary function  
 \* Function 3 is used only with ratings options 2 and 4

Specifications subject to change without notice 11.14.2025

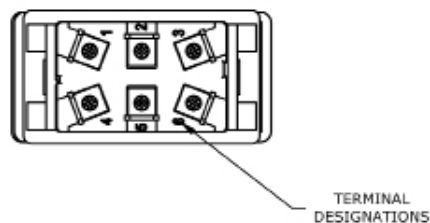
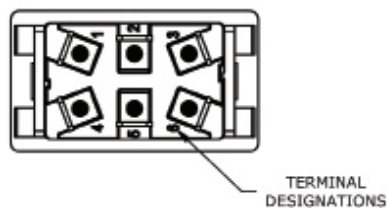
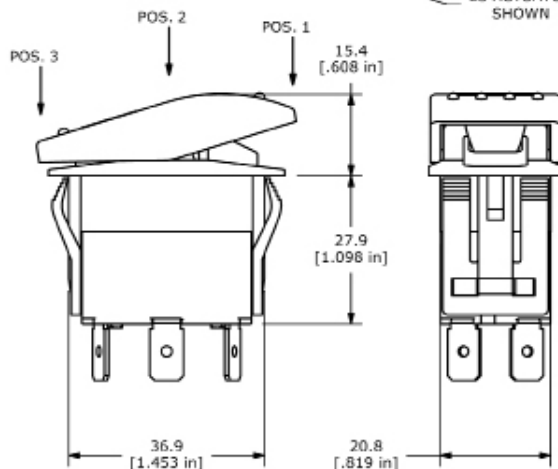
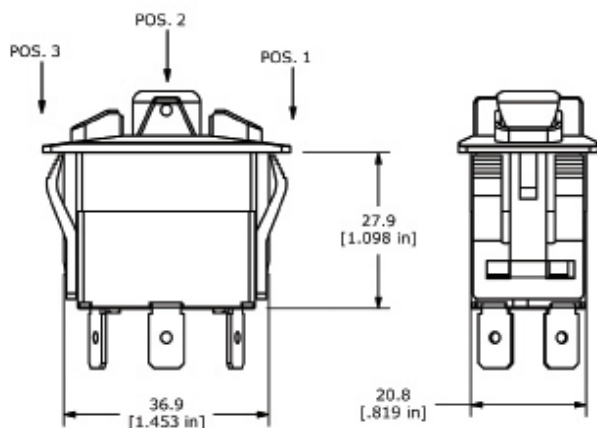
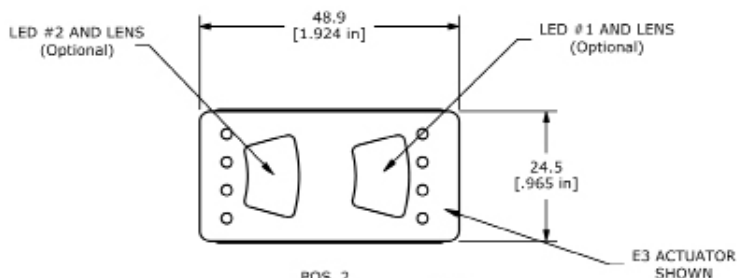
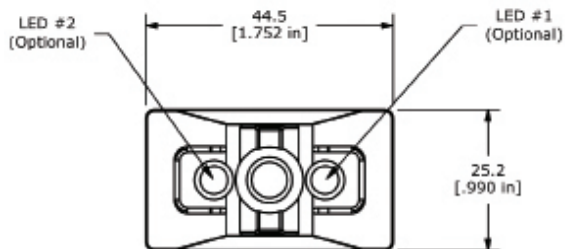


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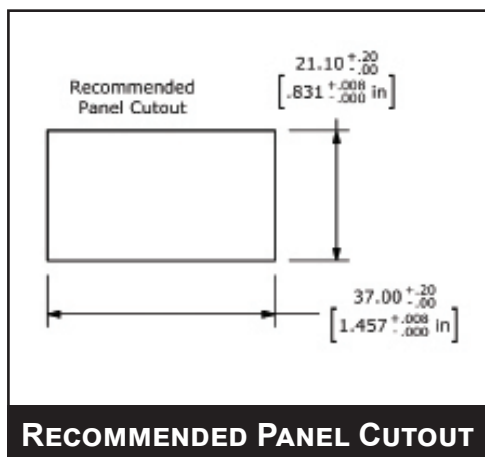
# R7 SERIES ROCKER SWITCH

## BODY DIMENSIONS



**Double Pole  
without actuator**

**Double Pole  
with actuator**  
(E3 actuator shown)



**RECOMMENDED PANEL CUTOUT**

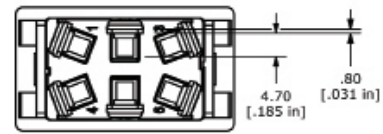
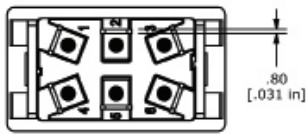
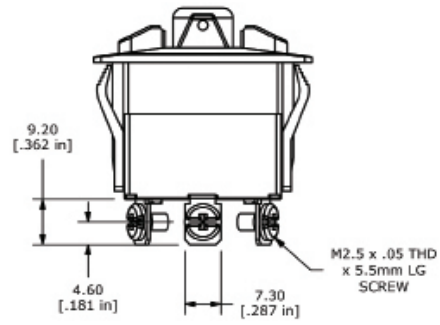
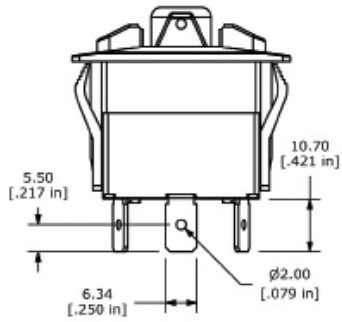
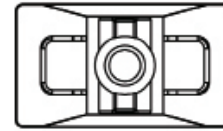
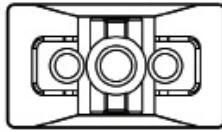
- ANTI-VANDAL SWITCHES
- DETECTOR SWITCHES
- DIP SWITCHES
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- NAVIGATION SWITCHES
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- CAP OPTIONS



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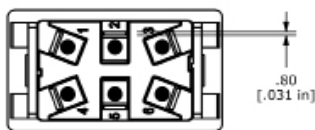
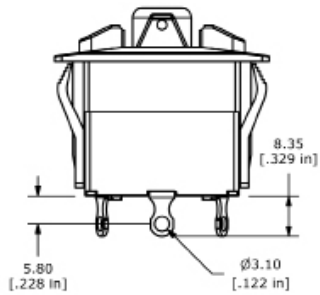
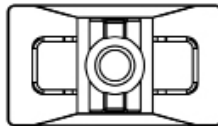
## TERMINATION OPTIONS

- ANTI-VANDAL SWITCHES
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**FASTON 1/4"**

**SCREW**



**SOLDER**



# R7 SERIES ROCKER SWITCH

## ACTUATOR OPTIONS

**A**  
Hard PC



A1



A2



A3

**B**  
Soft TPR



B1



B2



B3



B4

**C**  
Hard PC



C1



C2



C3

**D**  
Hard PC



D1



D2



D3

**E**  
Soft TPR



E1



E2



E3

**F**  
Soft TPR



F1



F2



F3

TPR = Thermal Plastic Rubber

PC = Polycarbonate

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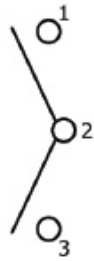
# R7 SERIES ROCKER SWITCH

## SCHEMATICS



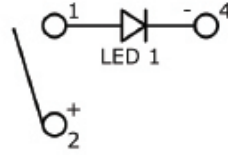
**SPST**  
Non Illuminated

For R711, R714, R718



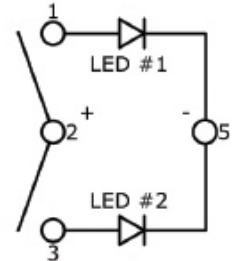
**SPDT**  
Non Illuminated

For R712, R713, R715,  
R716, R717



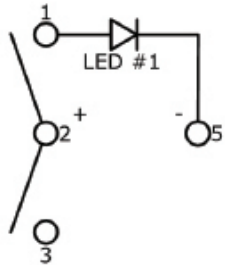
**SPST**  
with LED #1

For R711, R714, R718



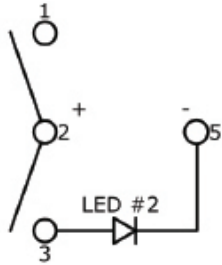
**SPDT**  
with 2 LEDs

For R712, R713, R715,  
R716, R717



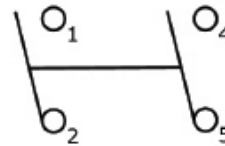
**SPDT**  
with LED #1

For R712, R713, R715,  
R716, R717



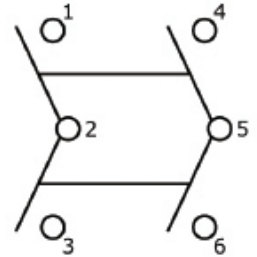
**SPDT**  
with LED #2

For R712, R713, R715,  
R716, R717



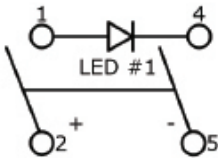
**DPST**  
Non Illuminated

For R721, R724, R728



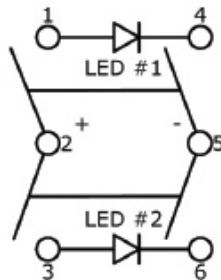
**DPDT**  
Non Illuminated

For R722, R723, R725,  
R726, R727



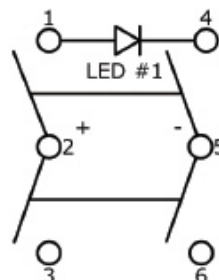
**DPST**  
with LED #1

For R721, R724, R728



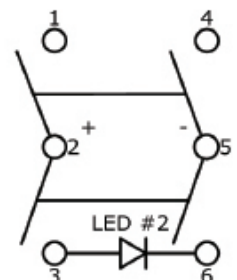
**DPDT**  
with 2 LEDs

For R722, R723, R725,  
R726, R727



**DPDT**  
with LED #1

For R722, R723, R725,  
R726, R727





**DPDT**  
with LED #2

For R722, R723, R725,  
R726, R727



## Looking for pricing, stock, or lifecycle information?

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