

R1966 SERIES ROCKER SWITCH



RoHS

SPECIFICATIONS

Contact Rating: 15A, 125VAC; UL
10A, 250VAC; UL
6A, 250VAC; VDE
Contact Arrangement: SPST, SPDT
Electrical Life: 10,000 cycles
Mechanical Life: 30,000 cycles
Insulation Resistance: 1000 MΩ Min.
Contact Resistance: 20mΩ Max. Initial
Dielectric Strength: 1,500VAC for 1 minute
Operating Temperature: -30°C to 105°C
Panel Thickness: 0.7mm to 3.0mm

FEATURES & BENEFITS

- High Current Power Rocker Switch
- 19.2mm x 13mm Panel Cutout; Snap-In
- SPST or SPDT circuit; multiple function options
- Quick-Connect, Solder, or PC Pin termination
- LED illumination options
- Housing and Actuator color options
- Actuator marking options
- UL File # E121922
- VDE File # 40018253

PART NUMBER CONFIGURATOR

Series	Circuit	Housing Color	Actuator Color	Marking	Termination	LED Color*
R1966	A - SPST On-Off C - SPDT On-On D - SPDT On-Off-On E - SPST On-(Off) F - SPST Off-(On) G - SPDT On-(On) H - SPDT On-Off-(On) I - SPDT (On)-Off-(On)	BLK - Black WHT - White GRY - Grey	BLK - Black WHT - White RED - Red	A - Dot B - I/O/II Horizontal C - I/O/II Vertical D - I/II Vertical E - None (or use w/ LED) F - I/O Vertical G - I/O Horizontal H - Directional Arrow/O/Directional Arrow I - ON/OFF Vertical N - I/Power Symbol Vertical	F - 0.187" QC 0.031" thk G - 0.187" QC 0.020" thk S - Solder Lug P - P.C. Pin R - Right Angle P.C. Pin L - Left Angle P.C. Pin	None - Non-illum. RED - Red GRN - Green BLU - Blue YEL - Yellow

NOTES:

() denotes momentary function

*LED option is only available with "A" circuit

*LED terminals (2) are solder lug terminals that protrude straight out from the switch body

Specifications subject to change without notice 8.1.2026



E-SWITCH®

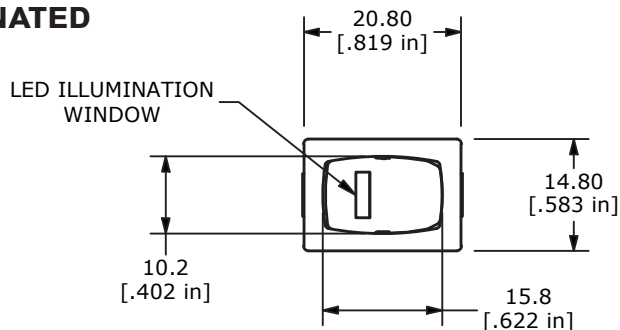
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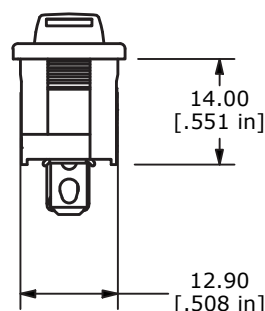
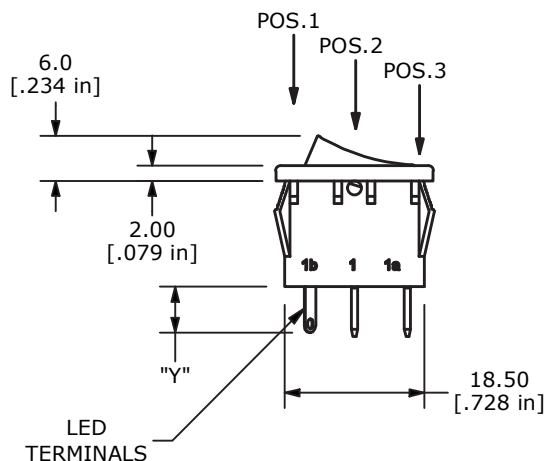
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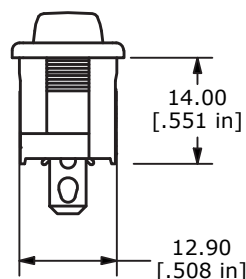
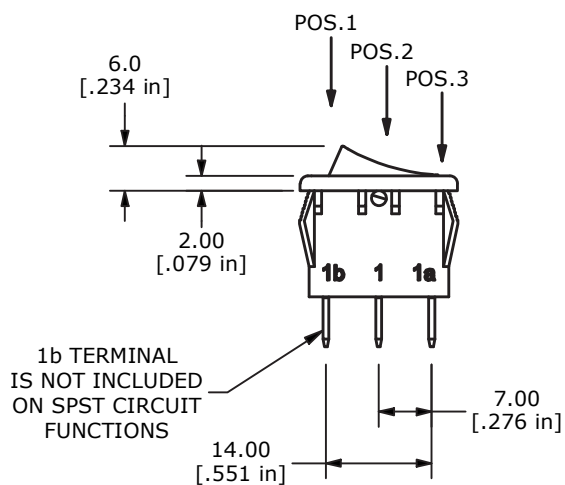
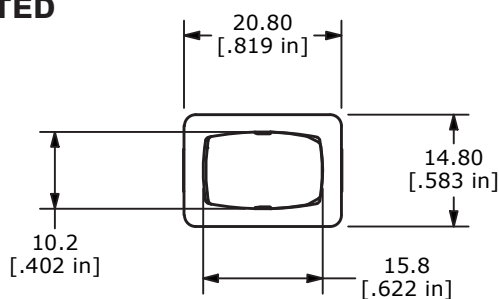
BODY DIMENSIONS ILLUMINATED



WHEN LED IS USED WITH TRMINALS	DIM "Y"
F, G, P, L, R	6.1 (0.24)
S	1.7 (0.07)

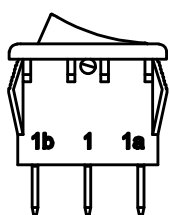


BODY DIMENSIONS NON ILLUMINATED

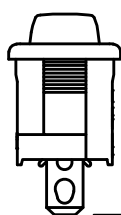


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TERMINATION OPTIONS

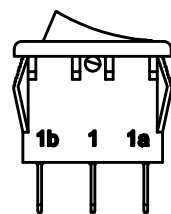


.80
[.031 in]

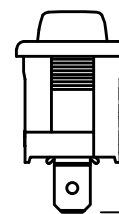


6.60
[.260 in]
4.80
[.189 in]

"F" TERMINAL

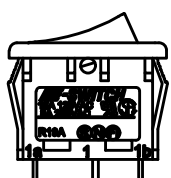


.50
[.020 in]



6.60
[.260 in]
4.75
[.187 in]

"G" TERMINAL

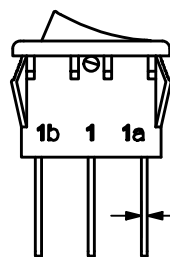


13.40
[.528 in]
.80
[.031 in]
.50
[.020 in]

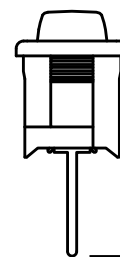


2.90
[.114 in]
3.00
[.118 in]

"S" TERMINAL

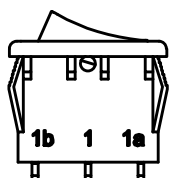


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[.031 in]

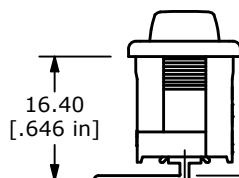


13.05
[.514 in]
1.20
[.047 in]

"P" TERMINAL

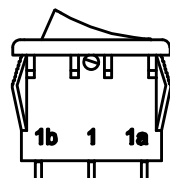


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[.031 in]

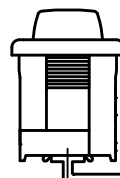


16.40
[.646 in]
1.20
[.047 in]
12.00
[.472 in]

"L" TERMINAL
(LEFT ANGLE)
(TERMINALS BENT AWAY FROM LOGO SIDE)



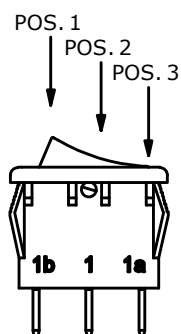
.80
[.031 in]



16.40
[.646 in]
12.00
[.472 in]
1.20
[.047 in]

"R" TERMINAL
(RIGHT ANGLE)
(TERMINALS BENT TOWARDS THE LOGO SIDE)

FUNCTION CHART



R1966 - SINGLE POLE TERMINAL CHART				
VERSION	FUNCTION OPTION	POS. 1	POS. 2	POS. 3
SPST	A - 1 POLE	ON	NONE	OFF
SPDT	C - 1 POLE	ON	NONE	ON
SPDT	D - 1 POLE	ON	OFF	ON
SPST	E - 1 POLE	ON	NONE	(OFF)
SPST	F - 1 POLE	OFF	NONE	(ON)
SPDT	G - 1 POLE	ON	NONE	(ON)
SPDT	H - 1 POLE	ON	OFF	(ON)
SPDT	I - 1 POLE	(ON)	OFF	(ON)
SPST	TERMINAL CLOSURE	1a-1	OPEN	N/A
SPDT	TERMINAL CLOSURE	1a-1	OPEN	1-1b

() DENOTES = MOMENTARY



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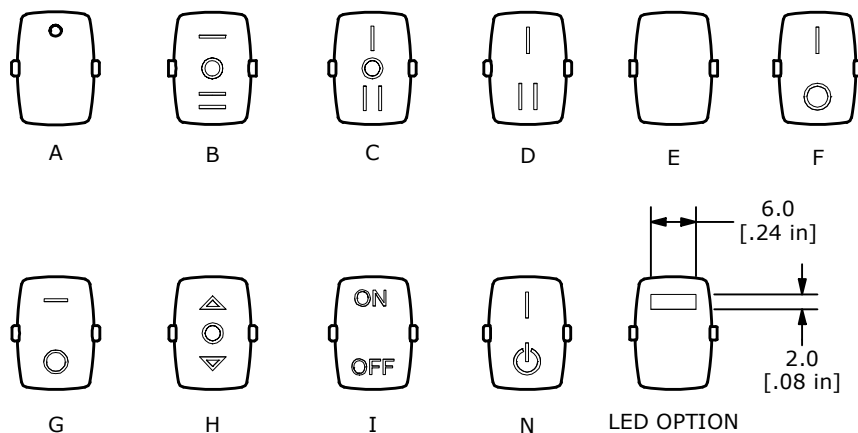
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R1966 SERIES ROCKER SWITCH

MARKING OPTIONS



SCHEMATICS & LAYOUTS

