#### UP TO 3 POSITIONS WITH 3 OPTIONAL, INDEPENDENT LED LIGHT POSITIONS

Used in the heavy equipment, marine, process control and instrumentation markets, the R2 rotary switch is an excellent replacement for rocker switches, offering improved visual position indication, additional lighting options and different styling opportunities on front panels. The R2 is a sealed, lighted rotary switch which snaps into a 1.475" x 0.875" industry standard rocker switch panel opening. The rotary knob snaps onto a shaft and can be installed by the panel builder for those desiring that flexibility. The R2 rotary switch provides up to three positions in all combinations of momentary and maintained action. It is capable of handling loads from logic level up to 20 amps resistive. Sealing is to IP68S via a shaft O-ring seal in front and a potted base in the back. Termination options include 0.250" faston or a snap-on modular connector. The R2 offers unique lighting options including up to three independent LED light positions which illuminate a lens on the rotary knob. This design provides more lighting options than traditional rocker switches, handles the full range of electrical loads and is robust enough to survive in the most demanding applications.

## Features:

- Sealed watertight per IP68S
- Snap-in panel mounting into industry standard 1.475" x 0.875" panel cutout
- Unique lighting options—up to three independent LED light positions
- Plastic or Soft Touch knob options available
- 2 or 3 positions in all combinations of momentary & maintained action
- Termination can be used as 0.250" faston or with snap-on modular connector

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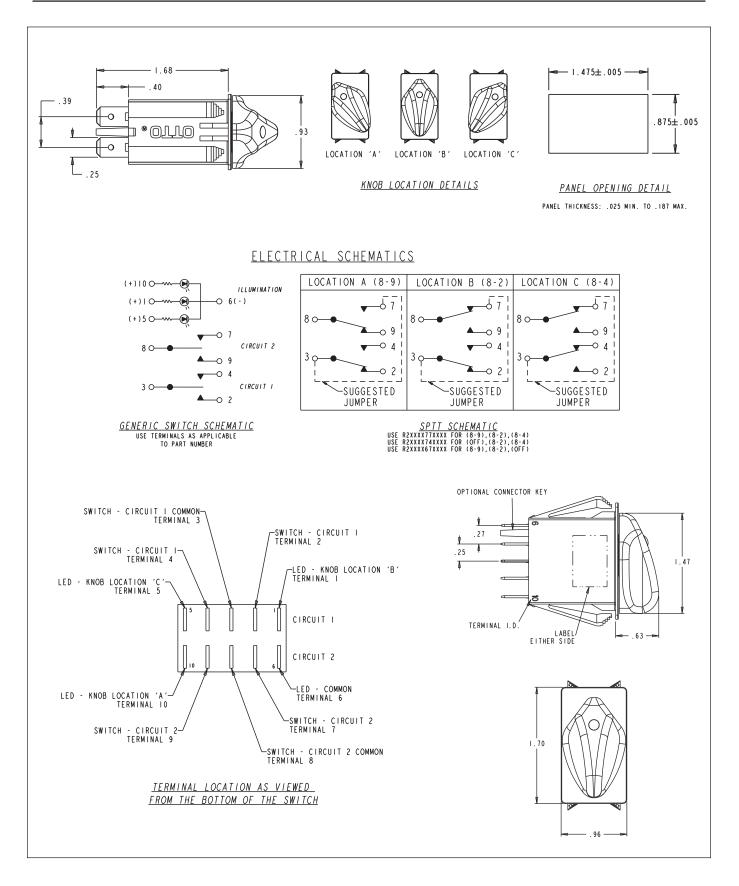
### Standard Characteristics/Ratings:

Load	Sea Level @ 12/28VDC	Sea Level @ 110VAC	
Resistive	20A	16A	
Inductive	15A	15A	
Lamp	4A	4A	
Motor	N/A	0.5HP	
DWV	1050Vrms		
Low Level	10mA @ 30n	۱V	
Electrical Life:	25,000 cycles at full load		
Lighting:	LED 2V, 6V, 12V, 24V (VDC	:)	
Mechanical Life:	100,000 cycles		
Seal:	IP68S		
<b>Operating Temp Range:</b>	-40°C to +85°C		
MATERIALS:			
Case:	Thermoplastic		
Knob:	Thermoplastic		
Lens:	Thermoplastic, clear		
Terminals:	Copper, silver plate, gold plate for low level		
Contacts:	Silver alloy, gold plate for low level		
Terminal Hardware:	R2 recommended Quick Connect terminals: AMP 60253-2 for 12-16 AWG AMP 42100-2 for 14-18 AWG		
Mounting Hardware:	None provided		



# **ROTARY SWITCH**

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