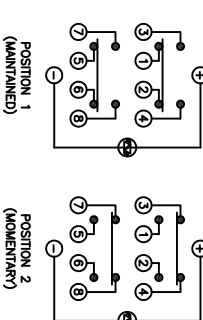


MAXIMUM PANEL THICKNESS: 0.394 [10.0mm]



SCHEMATIC

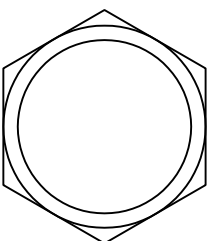
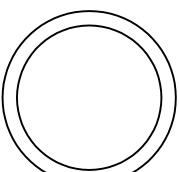
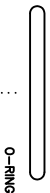
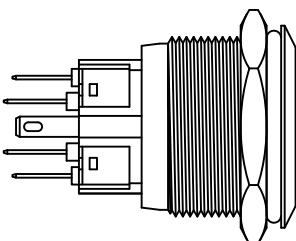
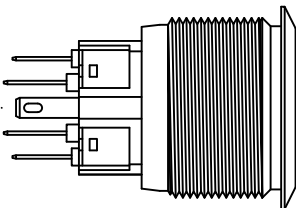
FUNCTION: 2PNO OFF-(ON) + 2PNC ON-(OFF)

- RATING:** 2A 48VDC
- ILLUMINATION VOLTAGE:** 1.8V 20mA
- CONTACT RESISTANCE:** Initial: 50mΩ Max. at 1A 12VDC
- INSULATION RESISTANCE:** 1,000MΩ Min. at 500VDC
- DIELECTRIC STRENGTH:** 2,000VAC Min. for 1 Minute
- ELECTRICAL LIFE:** 50,000 Cycles
- MECHANICAL LIFE:** 1,000,000 Cycles
- TEMPERATURE:** Operating: -20°C to 70°C
- INGRESS PROTECTION:** IP65

APPROVALS:  
**ROHS**  
COMPLIANT

**MATERIALS**

- BUSHING:** Stainless Steel (304)
- BASE:** Polyamide 6/6 (PA66)
- ACTUATOR:** Stainless Steel (304) Polycarbonate (PC)
- HARDWARE:** Nickel Plated Brass (H59)
- SEALING:** Silicone Rubber
- INNER ASSEMBLY:** Polyamide 6/6 (PA66) Polycarbonate (PC) Polyoxymethylene (POM) Bronze (C510) Stainless Steel Beryllium Copper
- SPRING:** Stainless Steel
- CONTACTS:** Silver/Cadmium Oxide (AgCdO)
- TERMINALS:** Brass
- O-RINGS:** Silicone Rubber
- COLORS AND FINISH**
- BEZEL:** Stainless Steel Machine Finish
- ACTUATOR:** Stainless Steel Machine Finish
- ILLUMINATION:** Red (Forward) Red (Reverse)
- MARKING:** None



EXPLODED VIEW

ASSEMBLED VIEW

REV.	DATE	BY	CHK
A	09/07/08	CAB	
A	09/07/08	CAB	
A	09/07/08	CAB	

THE INFORMATION CONTAINED IN THIS DOCUMENT IS PROPRIETARY TO E-SWITCH AND IS NOT TO BE COPIED OR TRANSMITTED

REV. A

RELEASE FOR PRODUCTION DESCRIPTION

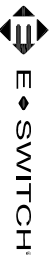
3044 02/21/2012 BMA  
FOR DATE DRAWN BY

SCALE: INCHES [MILLIMETERS]  
GENERAL TOLERANCES ±0.008 [-0.2] / ±.1  
PROJECTION: DRAWING NOT TO SCALE

DRAWING NUMBER: PV8F2V0SS-211

DATE: FEBRUARY 21, 2012

REVISION: A



PV8F2V0SS-211

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