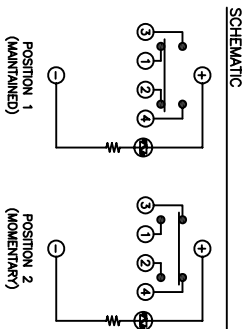


MAXIMUM PANEL THICKNESS: 0.394 [10.0mm]

SUGGESTED PANEL CUTOUT



SCHEMATIC

SPECIFICATIONS

**FUNCTION:**  
1PNO OFF-(ON) + 1PNC ON-(OFF)

**RATING:**  
2A 48VDC

**ILLUMINATION VOLTAGE:**  
24V 20mA

**CONTACT RESISTANCE:**  
Initial: 50mΩ Max. at 1A 12VDC

**INSULATION RESISTANCE:**  
1,000MΩ Min. at 500VDC

**DIELECTRIC STRENGTH:**  
2,000VAC Min. for 1 Minute

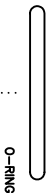
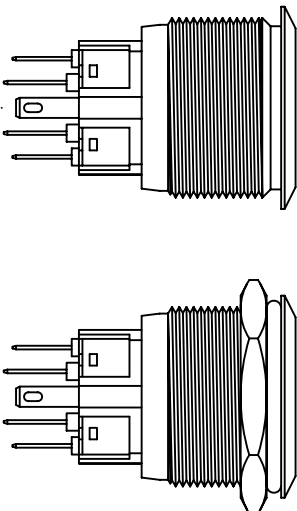
**ELECTRICAL LIFE:**  
50,000 Cycles

**MECHANICAL LIFE:**  
1,000,000 Cycles

**TEMPERATURE:**  
Operating: -40°C to 70°C

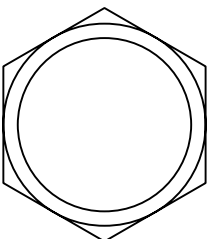
**INGRESS PROTECTION:**  
IP65

**APPROVALS:**  
**ROHS**  
COMPLIANT



EXPLODED VIEW

ASSEMBLED VIEW



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)  
Brass (H59)  
Stainless Steel  
Beryllium Copper

**SPRING:**  
Stainless Steel

**CONTACTS:**  
Silver/Palladium Oxide (AgPdO)

**TERMINALS:**  
Brass

**O-RINGS:**  
Silicone Rubber

**COLORS AND FINISH**

**BEZEL:**  
Stainless Steel  
Machine Finish

**ACTUATOR:**  
Stainless Steel  
Machine Finish

**ILLUMINATION:**  
Green (Forward)  
Green (Reverse)

**MARKING:**  
None

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

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REV. A

NEW RELEASE DESCRIPTION

2008 09/22/12 DRAWN BY

SCALE

GENERAL TOLERANCES ±0.008 [-0.2] / ±.1 PROJECTION DRAWING NUMBER 52-PV8F2Y1SS335

DATE 06-22-12

REVISION A



PV8F2Y1SS-335