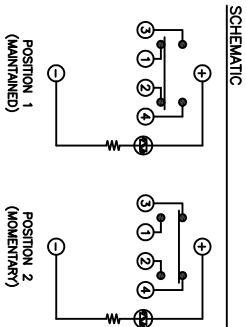


MAXIMUM PANEL THICKNESS: 0.394 [10.0mm]

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

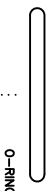
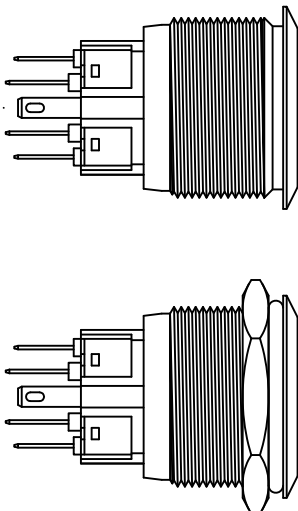
ELECTRICAL LIFE:
50,000 Cycles

MECHANICAL LIFE:
1,000,000 Cycles

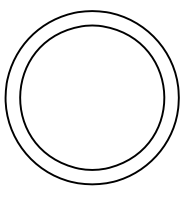
TEMPERATURE:
Operating: -20°C to 70°C

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

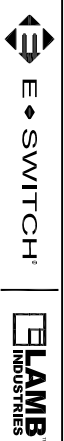
COLORS AND FINISH

BEZEL: Stainless Steel
Machine Finish

ACTUATOR: Stainless Steel
Machine Finish

ILLUMINATION: Red (Forward)
Red (Reverse)

MARKING: None



PV8F2Y0SS-315

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

INITIAL RELEASE DESCRIPTION

18924 / 10/03/18
PCB DRAWN BY

SCALE: ±0.008 [-0.2] / ±.1
PROJECTION: THIRD ANGLE

TRIP NUMBER: 52-PV8F2Y0SS315

DATE: MARCH 19, 2010

REVISION: A