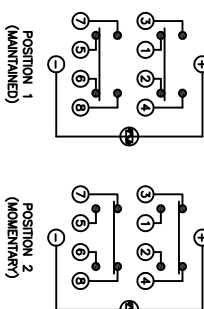


MAXIMUM PANEL THICKNESS: 0.394 [10.0mm]



SCHEMATIC

SPECIFICATIONS

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

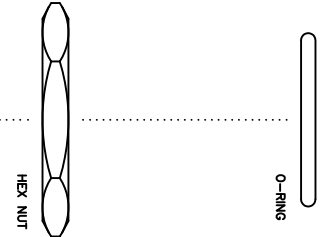
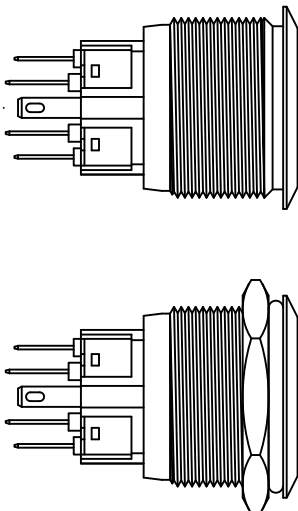
ELECTRICAL LIFE:
50,000 Cycles

MECHANICAL LIFE:
1,000,000 Cycles

TEMPERATURE:
Operating: -20°C to 70°C

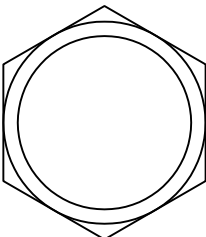
INGRESS PROTECTION:
IP65

APPROVALS:
ROHS
COMPLIANT



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)
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

REV.	DATE	BY	CHK
1	09/07/08	CAB	
2	09/07/08	CAB	
3	09/07/08	CAB	
4	09/07/08	CAB	

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RELEASE FOR PRODUCTION

DESCRIPTION

2044

02/21/2012

BA

SCALE

±0.008 [-0.2] / ±1

PROJECTION

DRAWING NUMBER

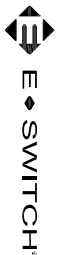
52-PV8F2V0SS211

DATE

FEBRUARY 21, 2012

REVISION

A



PV8F2V0SS-211