

SCHMATIC

SPECIFICATIONS

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

RATING: 2A 48VDC

ILLUMINATION VOLTAGE:
Forward: 2.8V 20mA (BLUE)
Reverse: 1.8V 20mA (YELLOW)

CONTACT RESISTANCE:
Initial: 50mΩ Max. at 1A 120DC

INSULATION RESISTANCE:
1,000kΩ 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: Polycarbonate (PC)
Polyoxymethylene (POM)
Brass (H62)

SPRING: Stainless Steel (304)

CONTACTS: Silver/Cadmium Oxide (AgCdO)

TERMINALS: Brass (H62)

O-RING: Silicone Rubber

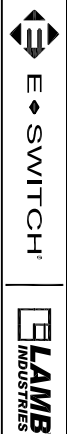
COLORS AND FINISH

BEZEL: Stainless Steel
Machine Finish

ACTUATOR: Stainless Steel
Machine Finish

ILLUMINATION: Blue (Forward)
Yellow (Reverse)

MARKING: None



PV7F2Y0SS-3Q1

DIMENSIONS

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

DESIGN	REV.	DATE	BY	CHK
20379	A	04/27/12	RC	BT
PCB				
DESCRIPTION				
New Release				

REV.	DATE	BY	CHK
A	09/07/12	CAE	
B	09/12/12	CAE	
C	09/12/12	CAE	
D	09/12/12	CAE	

1	2	3	4	5	6	7	8
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REV.	DATE	BY	CHK
A	09/07/12	CAE	
B	09/12/12	CAE	
C	09/12/12	CAE	
D	09/12/12	CAE	

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DATE	REVISION
APRIL 27 2012	A

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