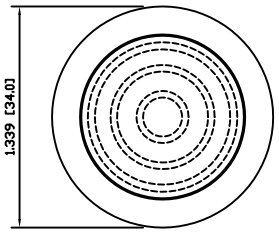
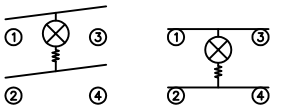
SHEET 1 OF 1



SCHEMATIC



POSITION 1 (MAINTAINED)

POSITION 2 (MOMENTARY)

SPECIFICATIONS

FUNCTION:
2P1T OFF–(ON)

RATINGS:
ANSI/UL 1054 and CAN/CSA C22.2 No.55 (E194579):
16A 125VAC [UR, cUR]
1/2HP 125VAC [UR, cUR]
3/4HP 250VAC [UR, cUR]

EN 61058–1:2002:
16(6)A 250V~ 1E4 T125/55 [ENEC14]
10(4)A 250V~ 5E4 T125/55 [ENEC14]

ILLUMINATION VOLTAGE:
125V

CONTACT RESISTANCE:
Initial: 35mΩ Max. at 50VAC

INSULATION RESISTANCE:
100MΩ Min. at 500VDC

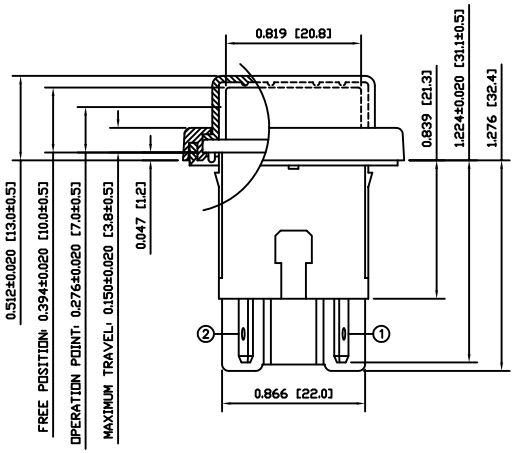
DIELECTRIC STRENGTH:
1,500VAC For 1 Minute

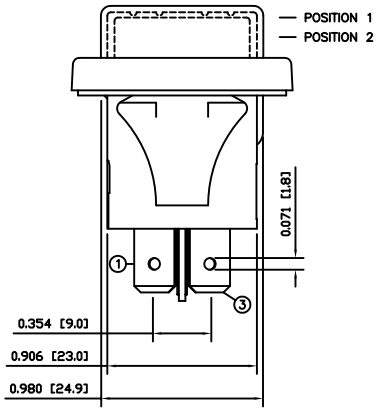
ELECTRICAL LIFE:
6,000 Cycles [UR, cUR]
10,000 Cycles [ENEC14]
50,000 Cycles [ENEC14]

TEMPERATURE:
Operating: –20°C to 105°C [UR, cUR]
Operating: –20°C to 125°C [ENEC14]

APPROVALS:







COLORS AND MARKINGS

BODY:
Black

ACTUATOR:
Transparent White
Glossy Finish

MARKINGS:
None

MARKING COLOR:
None

FRAME:
Black

MATERIALS

BODY:
Polyamide 6/6 (PA66), UL94 V–2

ACTUATOR:
Polycarbonate (PC), UL94 V–2

CONTACT CARRIER:
Polyamide 6/6 (PA66), UL94 V–2

LAMP:
Neon Bulb

RESISTOR:
Carbon Film Resistor

SPRINGS:
Steel

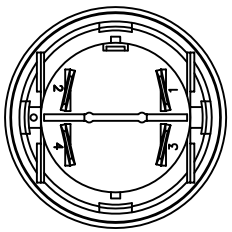
MOBILE CONTACT:
Silver Plated Copper

CONTACTS:
Silver Plated Copper

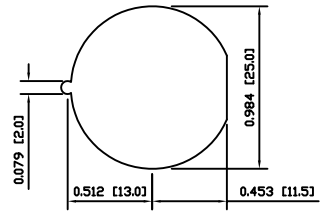
TERMINALS:
Silver Plated Copper

CAP:
Polyvinyl Chloride (PVC)

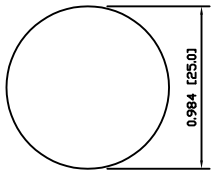
FRAME:
Polyamide 6/6 (PA66), UL94 V–2



SUGGESTED PANEL CUTOUT



ALTERNATE PANEL CUTOUT



E•SWITCH | LAMB INDUSTRIES

BODY	A	10/09/09	CAB
COLORS	B	10/09/13	CAB
MATERIALS	A	10/09/09	CAB
SPECIFICATIONS	B	10/05/25	CAB
REFERANCE	REV.	DATE	BY

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

REV.	DESCRIPTION	PCR	DATE	DRAWN BY
C	REMOVED SEMKO RATING	23310	04/16/18	MJR
B	CORRECTED MARKING	19301	10/09/13	CAB
A	INITIAL RELEASE	19299	10/09/09	CAB

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

TITLE: PR142C1000–106 / ACC–F03–1
ITEM NUMBER: 38–PR1S00006
DATE: SEPTEMBER 13, 2010
REVISION: C