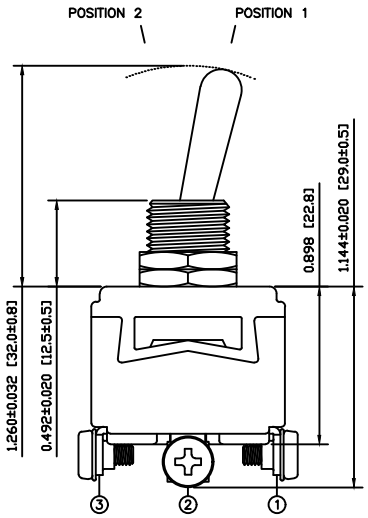
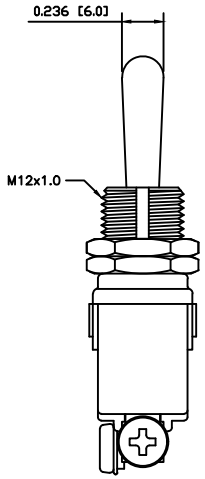
SHEET 1 OF 1





MATERIALS

BODY:
Phenolic, UL94 V-0

ACTUATOR:
Nickel Plated Brass

BUSHING:
Nickel Plated Brass

HOUSING:
Nickel Plated Steel

HARDWARE:
Nickel Plated Brass

SPACER PLATE:
Epoxy Board

SPRING:
Steel

ACTUATOR PLUNGER:
Phenolic, UL94 V-0

MOBILE CONTACT BAR:
Silver Plated Copper

CENTER PIVOT:
Silver Plated Copper

CONTACTS:
Silver Alloy Clad Copper

TERMINALS:
Brass
Steel

SPECIFICATIONS

FUNCTION:
1P2T ON-ON

RATINGS:
ANSI/UL1054 and CAN/CSA C22.2 No.55 (E194579):
20A 125VAC [cURus]
15A 277VAC [cURus]
2HP 125/277VAC [cURus]

CONTACT RESISTANCE:
Initial: 10mΩ Max.

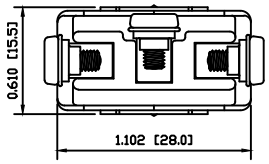
INSULATION RESISTNACE:
10MΩ Min.

DIELECTRIC STRENGTH:
1,500VAC for 1 Minute

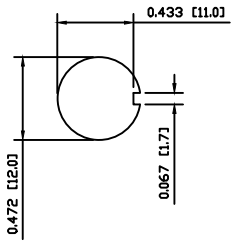
OPERATING LIFE:
6,000 Cycles [cURus]

TEMPERATURE:
Operating: 0°C to 85°C [cURus]

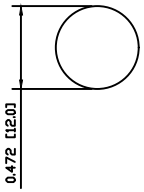
APPROVALS:
cULus RoHS COMPLIANT



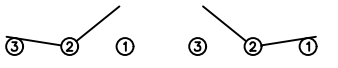
SUGGESTED PANEL CUTOUT



ALTERNATE PANEL CUTOUT



SCHEMATIC



POSITION 1 (MAINTAINED)
POSITION 2 (MAINTAINED)

	REV.	DATE	BY
ACTUATOR	B	10/06/10	CAB
BODY	B	10/06/10	CAB
MATERIALS	B	10/06/09	CAB
SPECIFICATIONS	B	10/06/09	CAB
REFERANCE			

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
B	CORRECTED PANEL CUTOUT, SPECIFICATIONS, AND MATERIALS	19133	10/06/10	CAB
A	INITIAL RELEASE	PCR00051	09/06/05	CAB

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

E•SWITCH® | LAMB INDUSTRIES

TITLE: ST163D00

DRAWING NUMBER	DATE	REVISION
34-ST163D00	JUNE 10, 2010	B

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

E-Switch:

ST163D00