

SCHEMATIC

SPECIFICATIONS

FUNCTION:  
2P1T OFF-ON

RATINGS:  
ANSI/UL 1054, CN/CSA 22.2 No. 55 (E194579):  
20A 125VAC 50/60Hz [cURus]  
20A 250VAC 50/60Hz [cURus]  
2HP 125/250VAC 50/60Hz [cURus]

EN 61058-1:2002 (50153550):  
18(12)A 250V~ 50Hz 5E4 T85/55 [TUV]




CONTACT RESISTANCE:  
Initial: 50mΩ Max.

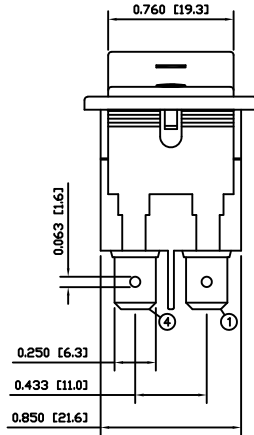
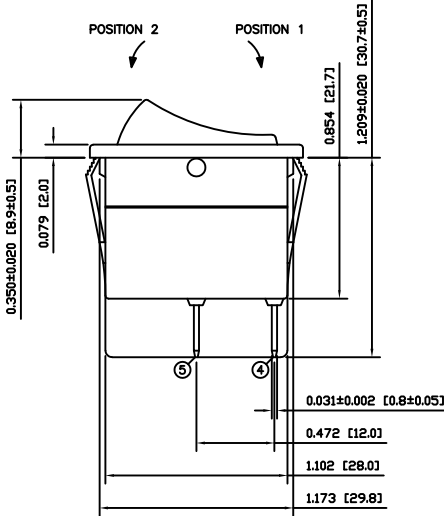
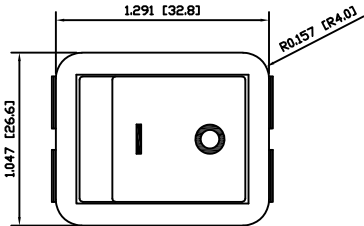
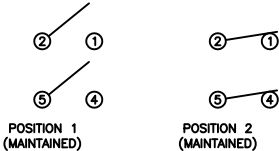
INSULATION RESISTANCE:  
500MΩ Min. at 500VDC

DIELECTRIC STRENGTH:  
1,500VAC For 1 Minute

TEMPERATURE:  
Operating: -20°C to 65°C [cURus]  
Operating: -20°C to 85°C [TUV]

INGRESS PROTECTION:  
IP55

APPROVALS:  
  



COLORS AND MARKINGS

BODY:  
Black

ACTUATOR:  
Black

MOUNTING EARS:  
White

MARKINGS:  
I/O Horizontal (R)

MARKING COLOR:  
White

MATERIALS

BODY:  
Polyamide 6/6 (PA66), UL94 V-0

ACTUATOR:  
Polyamide 6/6 (PA66), UL94 V-2

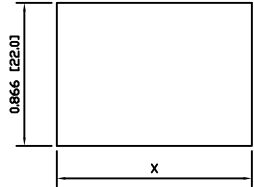
MOUNTING EARS:  
Polyamide 6/6 (PA66), UL94 V-2

CONTACTS:  
Silver Alloy

TERMINALS:  
Silver Plated Copper

RUBBER SEAL:  
Ethylene Propylene Thermoplastic Rubber (EPTR)


SUGGESTED PANEL CUTOUT





ACTUATOR	A	08/07/21	CAB
BODY	A	08/07/21	CAB
COLORS	A	08/07/21	CAB
MATERIALS	B	10/12/10	CAB
SPECIFICATIONS	A	08/07/21	CAB
REFERENCE	REV.	DATE	

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

B	CORRECTED TERMINAL PLATING TO SILVER	19461	10/12/10	CAB
A	INITIAL RELEASE	18787	10/01/15	CAB
REV.	DESCRIPTION	PCR	DATE	DRAWN BY

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

 E-SWITCH®	
TITLE WB242D112R	
ITEM NUMBER 34-WB242D112R	DATE DECEMBER 10, 2010
REVISION B	

# Mouser Electronics

Authorized Distributor

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

[E-Switch:](#)

[WB242D112R](#)