

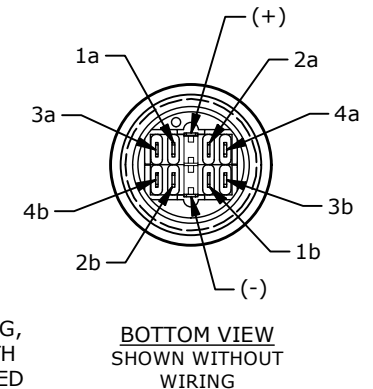
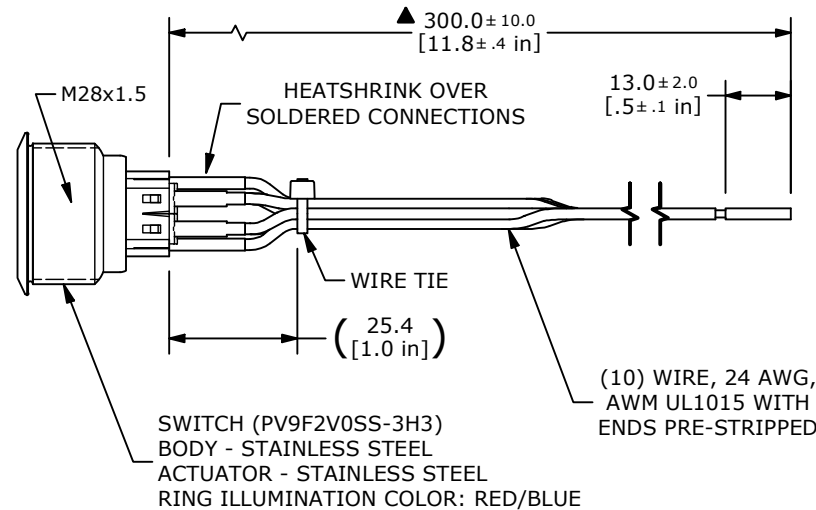
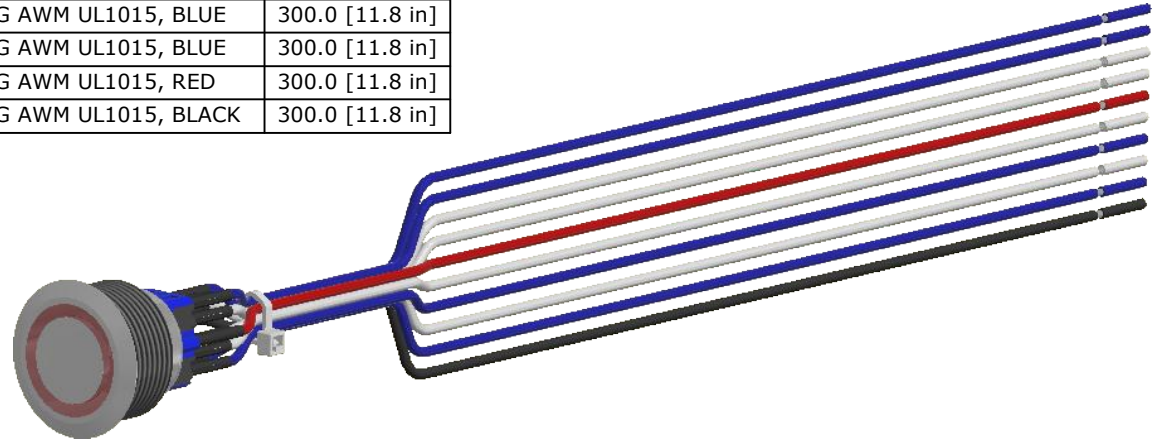
RECOMMENDED PANEL CUTOUT  
MAX. PANEL THICKNESS 10mm [.39 in]

Ø32.00  
[Ø1.260 in]

## NOTE:

1. ALL DIMENSIONS IN MM [INCH]
2. GENERAL TOLERANCE: X.X =  $\pm 0.4$   
X.XX =  $\pm 0.25$
3. TERMINAL NUMBERS FOR REF. ONLY
4. FUNCTION: DPDT
5. RATING: 2A @ 48VDC
6. CONTACT RESISTANCE: 50m $\Omega$  MAX. @ 1A 12VDC
7. INSULATION RESISTANCE: 1,000M $\Omega$  @ 500VDC
8. DIELECTRIC STRENGTH: 2,000VAC MIN. FOR 1 MINUTE
9. ELECTRICAL LIFE: 50,000 CYCLES
10. OPERATING TEMPERATURE: -20°C to 55°C
11. INGRESS PROTECTION: IP66
- ▲ 12. SUPPLIED HARDWARE: O-RING AND HEXNUT
13. ▲ DENOTES CRITICAL PARAMETER
- ▲ 14. ILLUMINATION COLOR: RED (FORWARD), BLUE (REVERSE)
- ▲ 15. ILLUMINATION VOLTAGE: 6V

| SWITCH   | WIRE                          | LENGTH          |
|----------|-------------------------------|-----------------|
| SW1-1a   | WIRE, 24AWG AWM UL1015, WHITE | 300.0 [11.8 in] |
| SW1-2a   | WIRE, 24AWG AWM UL1015, WHITE | 300.0 [11.8 in] |
| SW1-3a   | WIRE, 24AWG AWM UL1015, BLUE  | 300.0 [11.8 in] |
| SW1-4a   | WIRE, 24AWG AWM UL1015, BLUE  | 300.0 [11.8 in] |
| SW1-1b   | WIRE, 24AWG AWM UL1015, WHITE | 300.0 [11.8 in] |
| SW1-2b   | WIRE, 24AWG AWM UL1015, WHITE | 300.0 [11.8 in] |
| SW1-3b   | WIRE, 24AWG AWM UL1015, BLUE  | 300.0 [11.8 in] |
| SW1-4b   | WIRE, 24AWG AWM UL1015, BLUE  | 300.0 [11.8 in] |
| SW1- (+) | WIRE, 24AWG AWM UL1015, RED   | 300.0 [11.8 in] |
| SW1- (-) | WIRE, 24AWG AWM UL1015, BLACK | 300.0 [11.8 in] |



E-SWITCH®

TITLE PV9FWV0SS-3H3

SCALE 2:3

DATE 6/26/2020

DR MW

DWG 52-PV9FWV0SS3H3

REV B

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

|     |        |                              |          |    |
|-----|--------|------------------------------|----------|----|
| B   | 24666  | UPDATE THREAD LENGTH TO 15.0 | 1/4/2021 | JM |
| A   | 24366  | RELEASE                      | 6/26/20  | MW |
| REV | PCR NO | DESCRIPTION                  | DATE     | BY |

# Mouser Electronics

Authorized Distributor

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