

## 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. CONTACT MATERIAL: SILVER
5. RATING: 3A 250 VAC cUL
6. ELECTRIC LIFE: 50,000 MAKE-AND-BREAK CYCLES  
AT FULL LOAD.
7. MECHANICAL LIFE: 1,000,000 CYCLES.
8. INSULATION RESISTANCE: 1,000 M $\Omega$  @ 500VDC MIN.
9. DIELECTRIC STRENGTH: 2,000 VAC MIN. FOR 1 MINUTE
10. CONTACT RESISTANCE: 50m $\Omega$  MAX. @ 1A 12VDC
11. OPERATING TEMP.: -20°C to 55°C
12. ▲ DENOTES CRITICAL PARAMETER.
- ▲ 13. LAMP VOLTAGE: 12V
14. TRAVEL: 3.2mm
15. ACTUATION FORCE: 3.5  $\pm$  1.0 N
16. MOUNTING NUT TORQUE: 5-14 Nm
17. INGRESS PROTECTION: IP67, IK10
18. HARDWARE SUPPLIED: O-RING AND HEXNUT

PANEL CUT-OUT  
PANEL THICKNESS 1-10mm

$\phi 19.00^{+0.20}_{-0.00}$   
[.748 $^{+0.008}_{-0.000}$  in]

$\phi 22.00$   
[.87 in]

$\phi 15.50$   
[.61 in]

$\phi 13.00$   
[.51 in]

▲ RING ILLUMINATION  
COLOR: BLUE

▲ ACTUATOR  
STAINLESS STEEL

▲ HOUSING  
STAINLESS STEEL

2.0  
[.08 in]

12.6  
[.49 in]

M19 x 1.0  
THREAD

.50  
[.02 in]

5.50  
[.22 in]

13.00  
[.51 in]

TERMINAL 3

TERMINAL 2

LED 1  
(+)

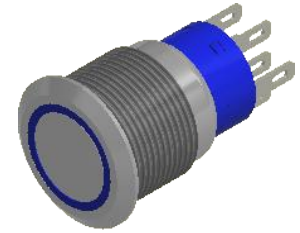
TERMINAL 1

TERMINAL 6

LED 1  
(-)

TERMINAL 5

TERMINAL 4



▲ 33.3  
[1.31 in]

32.7  
[1.29 in]

17.5  
[.69 in]

25.5  
[1.0 in]

5.00  
[.197 in]

2.80  
[.110 in]

10.00  
[.394 in]

| REV | ECO NO     | DESCRIPTION          | DATE     | BY |
|-----|------------|----------------------|----------|----|
| B   | ECO-100360 | UPDATE PANEL CUTOOUT | 12/10/21 | JS |
|     |            |                      |          |    |
|     |            |                      |          |    |

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E-SWITCH AND IS NOT TO BE COPIED OR TRANSFERRED



E-SWITCH®

OBJECT ID  
000026148

TITLE  
ULV4F2HSS344

SCALE  
3:2

DATE  
5/18/2020

DR  
MW

DWG  
T940148

REV  
B