



BLUE (FORWARD)

(+) (-)

BLUE (REVERSE)

SCHEMATIC

ON - ON

DPDT ILLUMINATED

## 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: 500,000 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: 20mA 6V
14. TRAVEL: 3.2mm
15. ACTUATION FORCE: 3.5  $\pm$  1.0 N
16. MOUNTING NUT TORQUE: 5-14 Nm
17. INGRESS PROTECTION: IP67, IK08
18. HARDWARE SUPPLIED: O-RING AND HEXNUT

 $23.60^{+0.20}_{-0.00}$   
[.929<sup>+.008</sup><sub>-.000</sub> in]

 $\phi 25.00^{+0.20}_{-0.00}$   
[.984<sup>+.008</sup><sub>-.000</sub> in]
PANEL CUT-OUT  
PANEL THICKNESS 1-10mm
 $\phi 28.0$   
[1.10 in]

 $\phi 19.80$   
[.78 in]
▲ L18 GRAPHIC  
ILLUMINATED COLOR:  
BLUE▲ BUTTON FINISH:  
SILVER▲ HOUSING  
STAINLESS STEELM25 x 1.0  
THREAD
 $\Delta 35.2$   
[1.39 in]
2.0  
[.08 in]27.4  
[1.08 in]2.75  
[.11 in].50  
[.020 in]13.00  
[.51 in]2.80  
[.110 in]5.00  
[.197 in]10.00  
[.394 in]
 $\Delta 23.50$   
[.925 in]  
FLATS

TERMINAL 3

TERMINAL 2

LED 1  
(+)

TERMINAL 1

TERMINAL 6

LED 2  
(-)

TERMINAL 5

TERMINAL 4



REV	ECO NO	DESCRIPTION	DATE	BY	E-SWITCH®				OBJECT ID
A	ECO-100392	NEW RELEASE	09/28/21	MR	TITLE ULV8F2GSLL43L18				100118694
					SCALE	DATE	DR	DWG	REV
					1:1	9/23/2021	MJR	T980401	A

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