

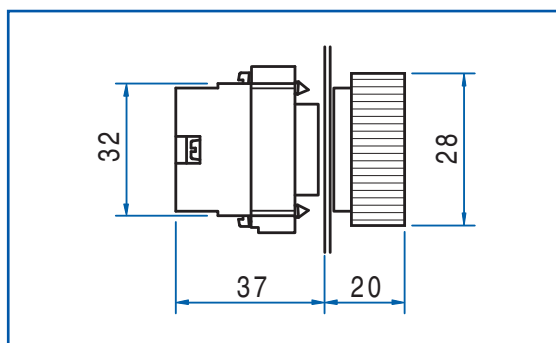
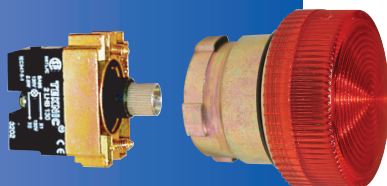
22mm LED Metal Pilot Lights



Certified for
NEMA Type 4X
12 environment.

Pilot Light

with bulb, bulb holder
and mounting bracket



Replacement bulbs
available.
See page 39.

Color

Voltage

Cat No.

12V AC/DC

☐	White	12V AC/DC	2PLB1LB-012
☒	Green	12V AC/DC	2PLB3LB-012
☒	Red	12V AC/DC	2PLB4LB-012
☒	Amber	12V AC/DC	2PLB5LB-012
☒	Blue	12V AC/DC	2PLB6LB-012
☐	Clear	12V AC/DC	2PLB7LB-012
☒	Yellow	12V AC/DC	2PLB8LB-012

24V AC/DC

☐	White	24V AC/DC	2PLB1LB-024
☒	Green	24V AC/DC	2PLB3LB-024
☒	Red	24V AC/DC	2PLB4LB-024
☒	Amber	24V AC/DC	2PLB5LB-024
☒	Blue	24V AC/DC	2PLB6LB-024
☐	Clear	24V AC/DC	2PLB7LB-024
☒	Yellow	24V AC/DC	2PLB8LB-024

48V AC/DC

☐	White	48V AC/DC	2PLB1LB-048
☒	Green	48V AC/DC	2PLB3LB-048
☒	Red	48V AC/DC	2PLB4LB-048
☒	Amber	48V AC/DC	2PLB5LB-048
☒	Blue	48V AC/DC	2PLB6LB-048
☐	Clear	48V AC/DC	2PLB7LB-048
☒	Yellow	48V AC/DC	2PLB8LB-048

110V AC

☐	White	110V AC	2PLB1LB-110
☒	Green	110V AC	2PLB3LB-110
☒	Red	110V AC	2PLB4LB-110
☒	Amber	110V AC	2PLB5LB-110
☒	Blue	110V AC	2PLB6LB-110
☐	Clear	110V AC	2PLB7LB-110
☒	Yellow	110V AC	2PLB8LB-110

110V DC

☐	White	110V DC	2PLB1LB-110D
☒	Green	110V DC	2PLB3LB-110D
☒	Red	110V DC	2PLB4LB-110D
☒	Amber	110V DC	2PLB5LB-110D
☒	Blue	110V DC	2PLB6LB-110D
☐	Clear	110V DC	2PLB7LB-110D
☒	Yellow	110V DC	2PLB8LB-110D

230V AC

☐	White	230V AC	2PLB1LB-230
☒	Green	230V AC	2PLB3LB-230
☒	Red	230V AC	2PLB4LB-230
☒	Amber	230V AC	2PLB5LB-230
☒	Blue	230V AC	2PLB6LB-230
☐	Clear	230V AC	2PLB7LB-230
☒	Yellow	230V AC	2PLB8LB-230

230V DC

☐	White	230V DC	2PLB1LB-230D
☒	Green	230V DC	2PLB3LB-230D
☒	Red	230V DC	2PLB4LB-230D
☒	Amber	230V DC	2PLB5LB-230D
☒	Blue	230V DC	2PLB6LB-230D
☐	Clear	230V DC	2PLB7LB-230D
☒	Yellow	230V DC	2PLB8LB-230D

22mm Specifications

Electrical and Mechanical Characteristics

Standard conformity:	IEC 60947-5-1
Approvals:	VDE0660 CSA - C22.2 No. 14-95 UL508 IEC 947 - 5 (1) 1990, IS 13947 ASTA UK certified as per IEC 947 - 5 - (1) 1990
Degree of protection:	IP 65 as per IEC 529 NEMA Type 4X, 12 as per UL50
Temperature Range:	- 25°C to + 70°C (-13°F to +158°F)

Contact Block

Rated voltage:	600V AC /DC
Rated current:	10A AC / 2.5A DC
Contact operation:	self-wiping, slow break NO or NC
UL508 rating (pilot duty):	
CSA - C22.2 No. 14-95:	A600: 10A; 600V AC Q600: 2.5A; 600V DC
Make and break capacity IEC 947 - 5 - (1) 1990:	AC 15 4A, 415V AC DC 13 0.5A, 110V DC
Terminal capacity:	minimum 20 AWG (0.5 mm ²) maximum 2x16 AWG (2 x 1.5 mm ²) or 14 AWG (2.5 mm ²)
Terminal marking:	1-2 for NC, 3-4 for NO
Short circuit protection:	10A cartridge fuse HRC type, rated for resistive loads
Mechanical life:	1 million operations

Modules for Pilot Lights & Illuminated Switches with LED Bulbs

Current consumption (applicable to all colors)	
24 VAC/DC, 100 VAC & 240 VAC:	max. 20 mA
110 VDC:	max. 15 mA
220 VDC:	max. 10 mA
Service life (at nominal voltage and at ambient temperature of 25°C):	100,000 hours
Voltage limits (nominal voltage):	<20% of rated voltage>
Short circuit protection:	on specific request
Terminal capacity:	min. 1 x 0.5 mm ² (20 AWG), max. 2 x 1.5 mm ² (2x16 AWG) or 1 x 2.5 mm ² (1x14 AWG)

Torque Specifications

Mounting bracket screws	1.2 Nm (10.8 lbs. in.)
Contact block to bracket screws	0.5 Nm (4.5 lbs. in.)
Terminal screws (wiring)	0.8 Nm (7.2 lbs. in.)