

## 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 insulation voltage:	500V
Rated thermal current:	10A
Contact operation:	self-wiping, slow break NO or NC
Make and break capacity as per IEC 947 - 5 - (1) 1990:	AC 15 4A, 415V AC DC 13 0.5A, 110V DC
As per CSA - C22.2 No. 14-95, UL508:	A600 Q600 (pilot Duty)
Terminal capacity:	minimum 1 x 0.5 mm <sup>2</sup> (20 AWG) maximum 2 x 1.5 <sup>2</sup> mm <sup>2</sup> (2x16 AWG) or 1 x 2.5 mm <sup>2</sup> (1x14 AWG)
Terminal marking:	1-2 for NC, 3-4 for NO
Short circuit protection:	10A cartridge fuse HRC type, rated for resistive loading
Mechanical life:	Over 1 million operations

Electric rating (for 1 million operation cycles, operation at 3600 cycles per hour, load factor 0.5)

$$\text{AC 15} \frac{\text{V}}{\text{A}} \begin{array}{ccc} 24 & 120 & 230 \\ 4 & 3 & 2 \end{array}$$

$$\text{DC 13} \frac{\text{V}}{\text{A}} \begin{array}{cc} 24 & 110 \\ 0.5 & 0.2 \end{array}$$

### 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 <sup>2</sup> (20 AWG), max. 2 x 1.5 mm <sup>2</sup> (2x16 AWG) or 1 x 2.5 mm <sup>2</sup> (1x14 AWG)