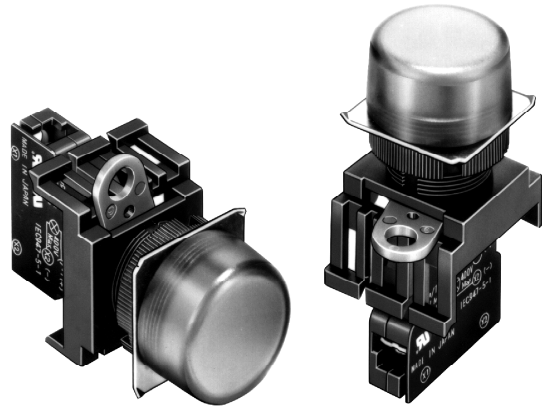


Pilot Lights - 22 mm

M22

22-mm dia. and 25-mm dia. Round and Square Indicators

- Locking lever ensures easy mounting and removal of switch unit
- Use optional 25-mm dia. ring to install in 25-mm dia. panel cutouts
- Finger protection mechanism on Lamp Unit provided as a standard feature
- IP65 oil resistant: EN60947-5-1



ISO 9001 Certified
JGA-0421

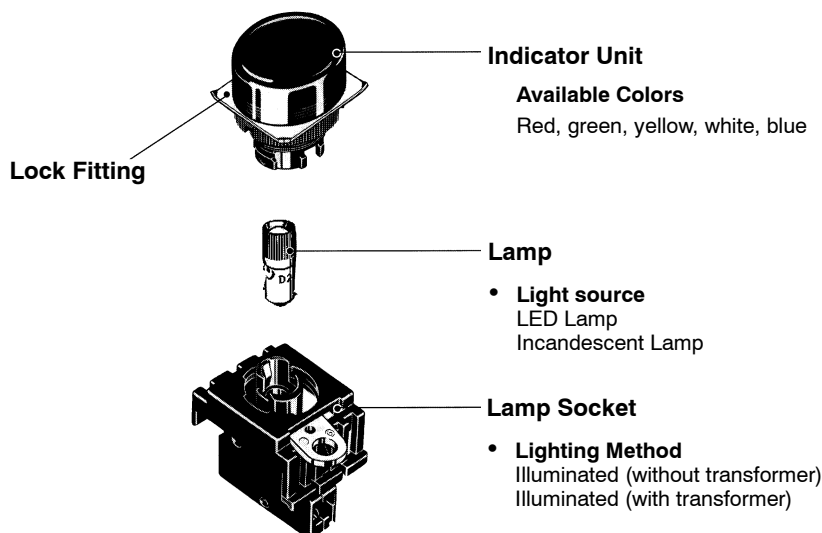


EC97/1162 (1998.1.26)

This product was manufactured at OMRON Izumo. OMRON Izumo has obtained approvals from international certification bodies for its quality system and environmental control system.

Ordering Information

■ CONSTRUCTION



(Actual color of yellow pushbuttons more closely resembles amber than true yellow.)

■ PART NUMBER LEGEND

Shipped as a set which includes the Operational Unit, LED, and Lamp Socket.

M22-1-2-3

1 Flange Shape

Code	Description
F	Round/Flush
C	Square/Extended

2 Illumination Color

Code	Description
R	Red
G	Green
Y	Yellow
W	White
A	Blue




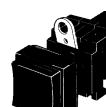
3 Light Source

Without transformer		
Code	Operating voltage	
6D	LED	6 VDC
6A		6 VAC
12A		12 VAC/DC
24A		24 VAC/DC
With transformer		
T1	LED	110 VAC
T2		220 VAC
Incandescent		
5	5 VAC	
12	12 VAC	
24	24 VAC	
HI	110 VAC	

Note: With the transformer types, LED lamp (24 VAC/DC) can be lit by directly applying 110 VAC/DC (220 VAC/DC) to the lamp terminal. The LED is 24-VAC/DC type.

(Actual color of yellow pushbuttons more closely resembles amber than true yellow.)

■ M22 INDICATOR

Appearance	Lighting	Rated voltage	Operator color	Part number	
Round/Flush Without transformer 	LED	6 VDC	Insert one of the following letters into the box □. R (red) Y (yellow) G (green) W (white) A (blue)	M22-F□-6D	
		6 VAC		M22-F□-6A	
		12 VAC/DC		M22-F□-12A	
		24 VAC/DC		M22-F□-24A	
Round/Flush With transformer 	LED	110 VAC		M22-F□-T1	
		220 VAC		M22-F□-T2	
Square/Extended Without transformer 	LED	6 VDC		Insert one of the following letters into the box □. R (red) Y (yellow) G (green) W (white) A (blue)	M22-C□-6D
		6 VAC			M22-C□-6A
		12 VAC/DC			M22-C□-12A
		24 VAC/DC			M22-C□-24A
Square/Extended With transformer 	LED	110 VAC			M22-C□-T1
		220 VAC			M22-C□-T2

Note: To order Incandescent versions of the M22 Pilot Light, replace the last two digits in the part number (ie, 12A, 24A, T1) with the appropriate code from table 3 of the Part Number Legend at the top of the page.
Example: M22-FR-24 is a red, round indicator with 24 VAC incandescent light source.

Specifications

■ RATINGS

LED Lamp

Rated voltage	Rated current	Operating voltage
6 VDC	60 mA	6 VDC \pm 5%
6 VAC/DC	60 mA	6 VAC/DC \pm 5%
12 VAC/DC	30 mA	12 VAC/DC \pm 5%
24 VAC/DC	15 mA	24 VAC/DC \pm 5%

Incandescent Lamp

Rated voltage	Rated current	Operating voltage
6 VDC	200 mA	5 V
14 VAC/DC	80 mA	12 V
28 VAC/DC	40 mA	24 V
130 VAC/DC	20 mA	100 V

Transformer Lighting

Rated voltage	Operational voltage	Applicable lamp (BA9S/13□ gold)
110 VAC	95 to 115 VAC	LED Lamp (A22-24□)
220 VAC	190 to 230 VAC	

■ APPROVED STANDARDS

Recognized organization	Standards	File No.
UL, cUL (See note)	UL508	E41515
ASTA	EN60947-5-1	—

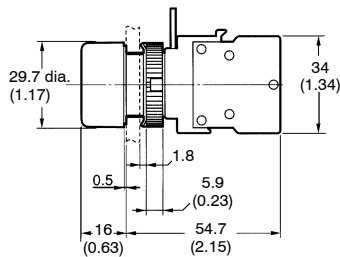
Note: UL: CSA C22 No. 14

Dimensions

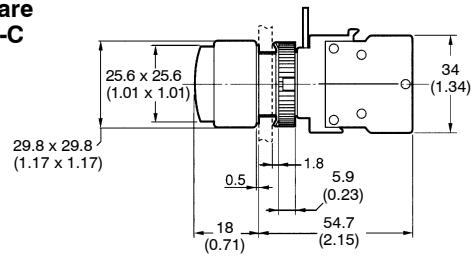
Unit: mm (inch)

■ INDICATORS

Flush M22-F

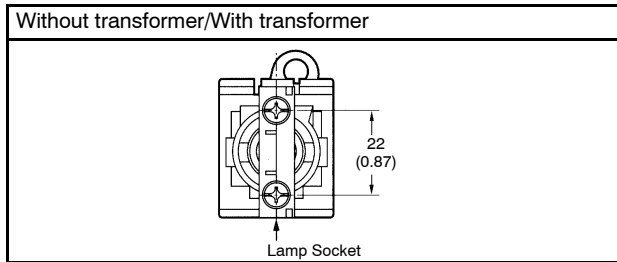


Square M22-C

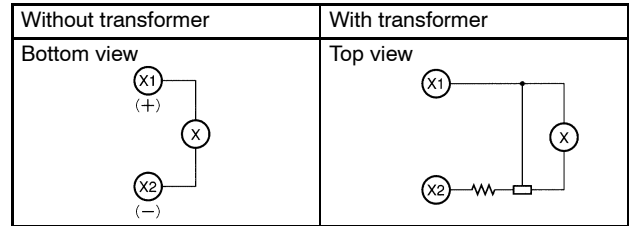


■ TERMINAL ARRANGEMENT

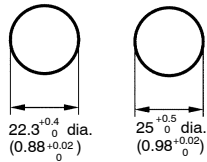
Terminal Arrangement (Bottom View)



■ TERMINAL CONNECTION



■ PANEL CUTOUT DIMENSIONS



Note: When applying a coating such as paint to a panel, the dimensions should be those after the application of the coating. A lock fitting is provided as a standard item.

Note: For additional specifications and information refer to the *Common to all assemblies* section at the end of this publication.

NOTE: DIMENSIONS SHOWN ARE IN MILLIMETERS. To convert millimeters to inches divide by 25.4.

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