

## 1

## Indicating Lights

## Product Description

Eaton's M22 indicating lights use the combination of a durable, bright LED unit and modern lenses designed specifically for this type of LED to create a bright and visible indicating light.

As with the pushbuttons, the indicating light lenses can be laser engraved. Indicating lights can be ordered as complete devices, including lens and LED unit, or as modular components.

## Features

- Customizable laser engraving on all lenses
- LED offering only for improved brightness quality and up to 100,000 hours of operation
- Lenses designed specifically for LED illumination
- Modular construction makes assembly fast and simplifies stocking of components and complete devices
- Capable of communicating via ASi protocol with ASi adapter modules

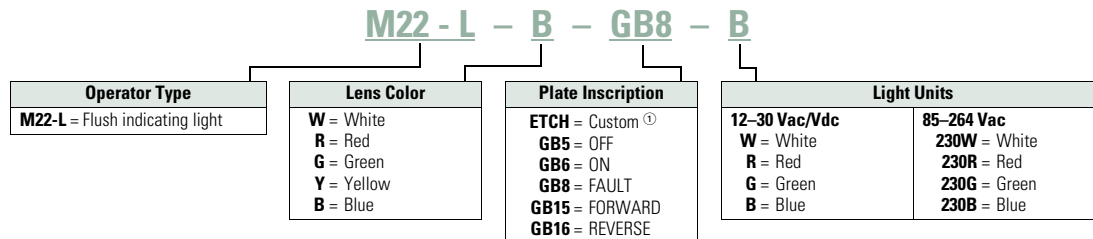
## Protection Type

- IP67, IP69K
- NEMA 4X, 13

## Catalog Number Selection

Catalog Number Selection is for illustrative purposes only and not to be used to create new catalog numbers.

## Indicating Lights



**Note:** Light unit should match color of lens.  
Use white light unit with yellow lens.

<sup>①</sup> When ordering, specify inscription per catalog number suffix from the Symbols Library (see **Pages V7-T1-129 to V7-T1-136**) into the Order Notes.  
For example, M22-L-B-ETCH; Order Notes: Mark with symbol X91, Line item #\_.

## Product Selection

## Indicating Lights, Flush

## M22-L-R-R



## Complete Devices

| Lens Color | Light Color | Light Unit Voltage | Catalog Number |
|------------|-------------|--------------------|----------------|
| White      | White       | 12–30 Vac/Vdc      | M22-L-W-W      |
| Red        | Red         |                    | M22-L-R-R      |
| Green      | Green       |                    | M22-L-G-G      |
| Yellow     | White       |                    | M22-L-Y-W      |
| Blue       | Blue        |                    | M22-L-B-B      |
| Amber      | White       |                    | M22-L-A-W      |
| White      | White       | 85–264 Vac         | M22-L-W-230W   |
| Red        | Red         |                    | M22-L-R-230R   |
| Green      | Green       |                    | M22-L-G-230G   |
| Yellow     | White       |                    | M22-L-Y-230W   |
| Blue       | Blue        |                    | M22-L-B-230B   |
| Amber      | White       |                    | M22-L-A-230W   |

Operators Only <sup>①</sup>

| Lens Color  | Catalog Number |
|-------------|----------------|
| <b>Flat</b> |                |
| White       | M22-L-W        |
| Red         | M22-L-R        |
| Green       | M22-L-G        |
| Yellow      | M22-L-Y        |
| Blue        | M22-L-B        |
| Amber       | M22-L-A        |

## Note

<sup>①</sup> Includes contact block mounting adapter.

## M22-L-R

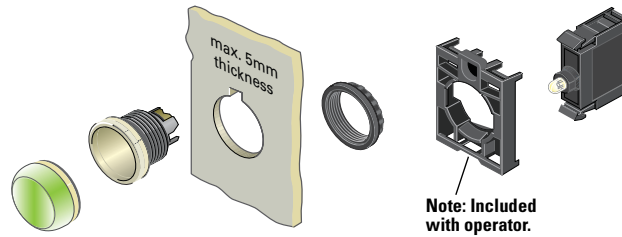


## M22-LH-R



| Lens Color     | Catalog Number |
|----------------|----------------|
| <b>Conical</b> |                |
| White          | M22-LH-W       |
| Red            | M22-LH-R       |
| Green          | M22-LH-G       |
| Yellow         | M22-LH-Y       |
| Blue           | M22-LH-B       |
| Amber          | M22-LH-A       |

## Indicating Lights, Flush



## Components

## M22-XL-R

Lenses <sup>①</sup>

| Color          | Inscription | Catalog Number                    |
|----------------|-------------|-----------------------------------|
| <b>Flat</b>    |             |                                   |
| Red            | —           | <b>M22-XL-R</b> <sup>②</sup>      |
|                | Custom      | <b>M22-XL-R-ETCH</b> <sup>③</sup> |
|                | OFF         | <b>M22-XL-R-GB5</b>               |
| Green          | —           | <b>M22-XL-G</b> <sup>②</sup>      |
|                | Custom      | <b>M22-XL-G-ETCH</b> <sup>③</sup> |
|                | ON          | <b>M22-XL-G-GB6</b>               |
| Blue           | —           | <b>M22-XL-B</b> <sup>②</sup>      |
|                | Custom      | <b>M22-XL-B-ETCH</b> <sup>③</sup> |
|                | FAULT       | <b>M22-XL-B-GB8</b>               |
| White          | —           | <b>M22-XL-W</b> <sup>②</sup>      |
|                | Custom      | <b>M22-XL-W-ETCH</b> <sup>③</sup> |
|                | OFF         | <b>M22-XL-W-GB5</b>               |
|                | ON          | <b>M22-XL-W-GB6</b>               |
|                | FAULT       | <b>M22-XL-W-GB8</b>               |
| Yellow         | —           | <b>M22-XL-Y</b> <sup>②</sup>      |
|                | Custom      | <b>M22-XL-Y-ETCH</b> <sup>③</sup> |
| Amber          | —           | <b>M22-XL-A</b> <sup>②</sup>      |
|                | Custom      | <b>M22-XL-A-ETCH</b> <sup>③</sup> |
| <b>Conical</b> |             |                                   |
| Red            | —           | <b>M22-XLH-R</b>                  |
| Green          | —           | <b>M22-XLH-G</b>                  |
| Blue           | —           | <b>M22-XLH-B</b>                  |
| White          | —           | <b>M22-XLH-W</b>                  |
| Yellow         | —           | <b>M22-XLH-Y</b>                  |
| Amber          | —           | <b>M22-XLH-A</b>                  |

## M22-LED-W

Light Units <sup>①④</sup>

| Terminal Type | LED Color | Light Unit Voltage | Catalog Number      |
|---------------|-----------|--------------------|---------------------|
| Screw         | White     | 12–30 Vac/Vdc      | <b>M22-LED-W</b>    |
|               | Red       |                    | <b>M22-LED-R</b>    |
|               | Green     |                    | <b>M22-LED-G</b>    |
|               | Blue      |                    | <b>M22-LED-B</b>    |
| Screw         | White     | 85–264 Vac         | <b>M22-LED230-W</b> |
|               | Red       |                    | <b>M22-LED230-R</b> |
|               | Green     |                    | <b>M22-LED230-G</b> |
|               | Blue      |                    | <b>M22-LED230-B</b> |

## Notes

- ① For complete listing of available lenses and light units, see Accessories, **Pages V7-T1-111 to V7-T1-116**.
- ② Minimum order quantity of (10).
- ③ When ordering, specify inscription per catalog number suffix from the Symbols Library (see **Pages V7-T1-129 to V7-T1-136**) into the Order Notes. For example, M22-XL-R-ETCH; Order Notes: Mark with symbol X91, Line item #\_\_.
- ④ Select the same color LED element as lens color; for yellow and amber lenses, choose a white LED.

## M22-L-X



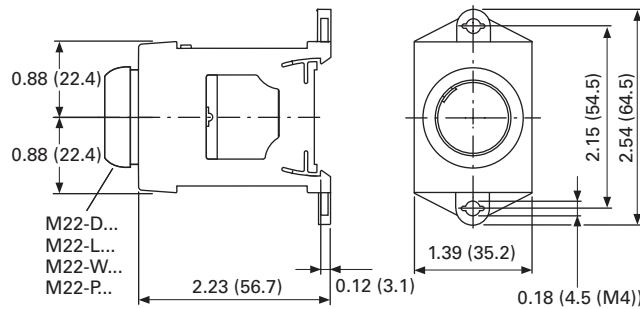
## Lensless Indicating Light

## Catalog Number

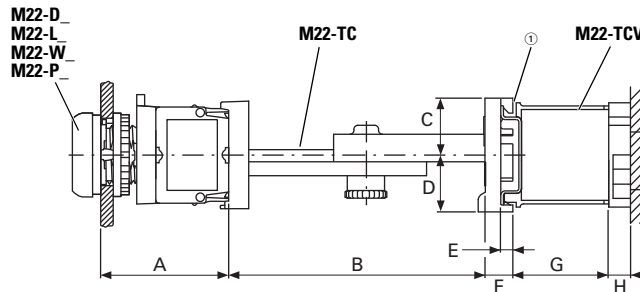
M22-L-X

Approximate Dimensions in Inches (mm)

### DIN-Rail Mounting Adapter



### Pushbuttons and Indicating Lights with M22-TC Telescopic Clip and M22-TVC Extension

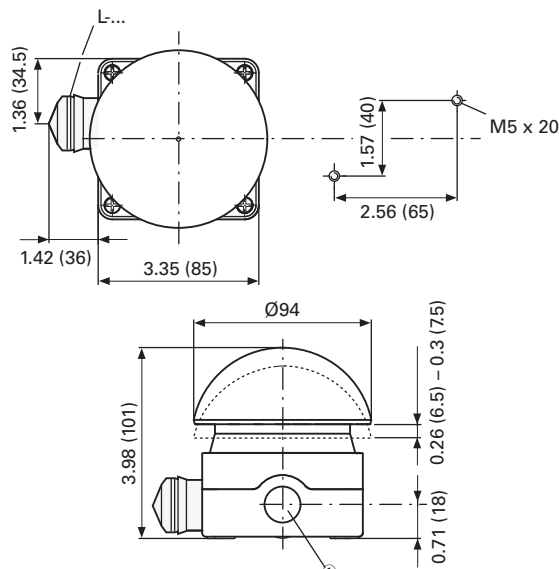


| A            | B                     | C            | D            | E             | F            | G           | H            |
|--------------|-----------------------|--------------|--------------|---------------|--------------|-------------|--------------|
| 1.77<br>(45) | 2.36-3.94<br>(60-100) | 0.79<br>(20) | 0.79<br>(20) | 0.18<br>(4.5) | 0.39<br>(10) | 154<br>(39) | 0.39<br>(10) |

① Top-hat rail to IEC/EN 60715.

### Palm Switches

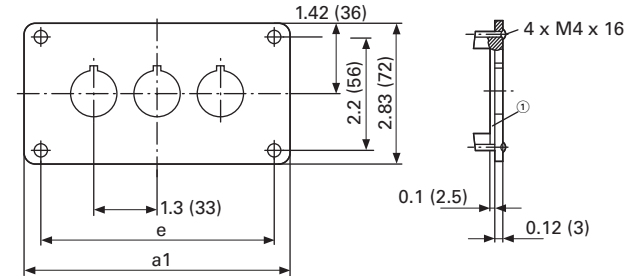
FAK\_



① 3 x M20 lateral, 1 x M16 in bottom.

### Front Mounted Mounting Plate

M22-E\_

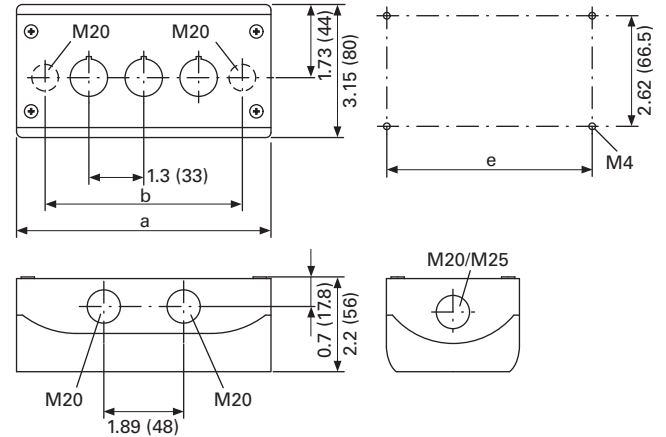


| Catalog Number | a1         | e          |
|----------------|------------|------------|
| M22-E(Y) ①     | 2.83 (72)  | 2.21 (56)  |
| M22-E2         | 4.13 (105) | 3.50 (89)  |
| M22-E3         | 5.43 (138) | 4.80 (122) |

| Catalog Number | a1         | e          |
|----------------|------------|------------|
| M22-E4         | 6.73 (171) | 6.10 (155) |
| M22-E5         | 8.03 (204) | 7.40 (188) |
| M22-E6         | 9.33 (237) | 8.70 (221) |

### Base Mounted Surface Mounting Enclosure

M22-I\_



| Catalog Number | Mounting Locations | a               | b               | e               | Cable Entries           |
|----------------|--------------------|-----------------|-----------------|-----------------|-------------------------|
| M22-I(Y)1      | 1                  | 2.83<br>(72.0)  | 1.68<br>(42.6)  | 2.30<br>(58.5)  | 2 x M16 3 x M20 2 x M25 |
| M22-I2         | 2                  | 4.72<br>(120.0) | 3.37<br>(85.6)  | 4.19<br>(106.5) | 2 x M20 3 x M20 2 x M25 |
| M22-I3         | 3                  | 6.02<br>(153.0) | 4.67<br>(118.6) | 5.49<br>(139.5) | 2 x M20 2 x M25 4 x M20 |
| M22-I4         | 4                  | 7.32<br>(186.0) | 5.97<br>(151.6) | 6.79<br>(172.5) | 2 x M20 2 x M25 4 x M20 |
| M22-I6         | 6                  | 9.92<br>(252.0) | 8.57<br>(217.6) | 9.39<br>(238.5) | 2 x M20 2 x M25 4 x M20 |