

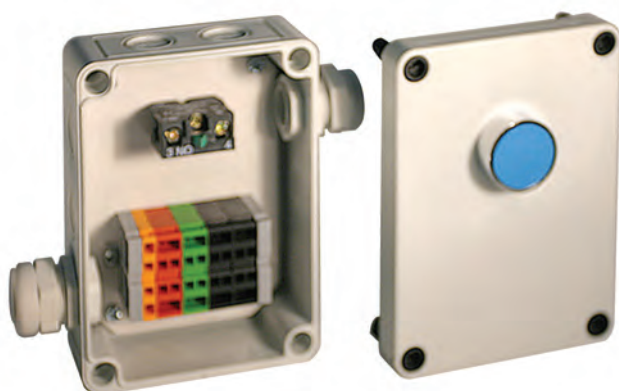
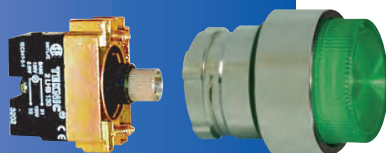
# 22mm LED Illuminated Metal Projecting Operators



Certified for  
**NEMA Type 4X**  
12 environment.

## Projecting Momentary

with bulb, bulb holder  
and mounting bracket



**SAMPLE  
ASSEMBLY**



Replacement bulbs  
available.  
See page 39.

### Color Voltage Cat No.

| Color  | Voltage   | Cat No.     |
|--------|-----------|-------------|
| White  | 12V AC/DC | 2ALP1LB-012 |
| Green  | 12V AC/DC | 2ALP3LB-012 |
| Red    | 12V AC/DC | 2ALP4LB-012 |
| Amber  | 12V AC/DC | 2ALP5LB-012 |
| Blue   | 12V AC/DC | 2ALP6LB-012 |
| Clear  | 12V AC/DC | 2ALP7LB-012 |
| Yellow | 12V AC/DC | 2ALP8LB-012 |

### 24V AC/DC

|        |           |             |
|--------|-----------|-------------|
| White  | 24V AC/DC | 2ALP1LB-024 |
| Green  | 24V AC/DC | 2ALP3LB-024 |
| Red    | 24V AC/DC | 2ALP4LB-024 |
| Amber  | 24V AC/DC | 2ALP5LB-024 |
| Blue   | 24V AC/DC | 2ALP6LB-024 |
| Clear  | 24V AC/DC | 2ALP7LB-024 |
| Yellow | 24V AC/DC | 2ALP8LB-024 |

### 48V AC/DC

|        |           |             |
|--------|-----------|-------------|
| White  | 48V AC/DC | 2ALP1LB-048 |
| Green  | 48V AC/DC | 2ALP3LB-048 |
| Red    | 48V AC/DC | 2ALP4LB-048 |
| Amber  | 48V AC/DC | 2ALP5LB-048 |
| Blue   | 48V AC/DC | 2ALP6LB-048 |
| Clear  | 48V AC/DC | 2ALP7LB-048 |
| Yellow | 48V AC/DC | 2ALP8LB-048 |

### 110V AC

|        |         |             |
|--------|---------|-------------|
| White  | 110V AC | 2ALP1LB-110 |
| Green  | 110V AC | 2ALP3LB-110 |
| Red    | 110V AC | 2ALP4LB-110 |
| Amber  | 110V AC | 2ALP5LB-110 |
| Blue   | 110V AC | 2ALP6LB-110 |
| Clear  | 110V AC | 2ALP7LB-110 |
| Yellow | 110V AC | 2ALP8LB-110 |

### 110V DC

|        |         |              |
|--------|---------|--------------|
| White  | 110V DC | 2ALP1LB-110D |
| Green  | 110V DC | 2ALP3LB-110D |
| Red    | 110V DC | 2ALP4LB-110D |
| Amber  | 110V DC | 2ALP5LB-110D |
| Blue   | 110V DC | 2ALP6LB-110D |
| Clear  | 110V DC | 2ALP7LB-110D |
| Yellow | 110V DC | 2ALP8LB-110D |

### 230V AC

|        |         |             |
|--------|---------|-------------|
| White  | 230V AC | 2ALP1LB-230 |
| Green  | 230V AC | 2ALP3LB-230 |
| Red    | 230V AC | 2ALP4LB-230 |
| Amber  | 230V AC | 2ALP5LB-230 |
| Blue   | 230V AC | 2ALP6LB-230 |
| Clear  | 230V AC | 2ALP7LB-230 |
| Yellow | 230V AC | 2ALP8LB-230 |

### 230V DC

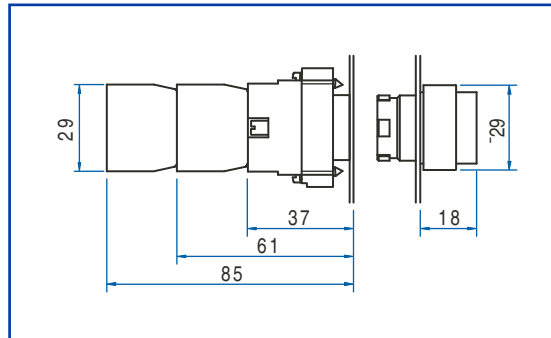
|        |         |              |
|--------|---------|--------------|
| White  | 230V DC | 2ALP1LB-230D |
| Green  | 230V DC | 2ALP3LB-230D |
| Red    | 230V DC | 2ALP4LB-230D |
| Amber  | 230V DC | 2ALP5LB-230D |
| Blue   | 230V DC | 2ALP6LB-230D |
| Clear  | 230V DC | 2ALP7LB-230D |
| Yellow | 230V DC | 2ALP8LB-230D |

## 22mm LED Illuminated Metal Projecting Operators

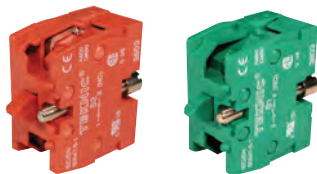
### Dimensional Drawings

All dimensions shown in millimeters.  
To convert to inches multiply by 0.03937

Projecting Momentary



### Switch Contacts (sold separately)



- Heavy-duty contact blocks with mounting screws. Blocks can be stacked 2 blocks across by 3 blocks deep for a total of 6 circuits.
- Contact blocks are available with silver contacts or gold plated contacts
- Self-wiping contacts

### Panel Mount

|                             |           |
|-----------------------------|-----------|
| Normally Open Silver        | <b>S1</b> |
| Normally Closed Silver      | <b>S2</b> |
| Normally Open Gold Plated   | <b>S3</b> |
| Normally Closed Gold Plated | <b>S4</b> |

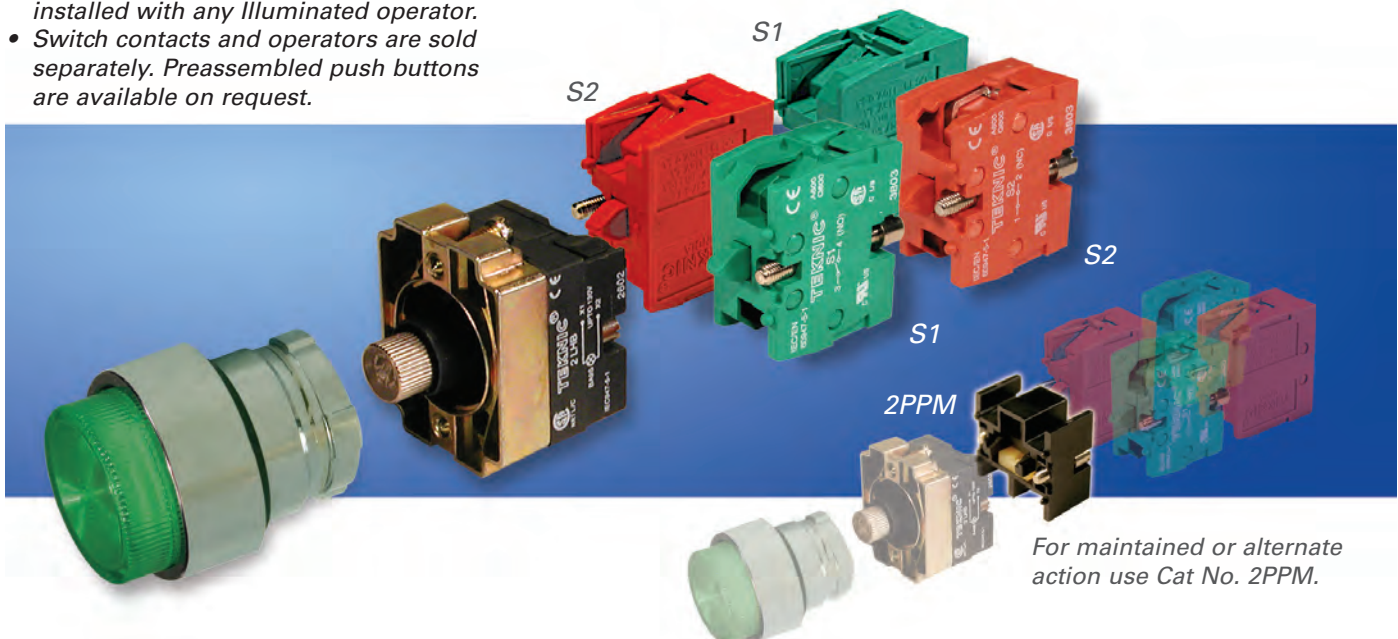
### Base Mount\*

|                             |           |
|-----------------------------|-----------|
| Normally Open Silver        | <b>S5</b> |
| Normally Closed Silver      | <b>S6</b> |
| Normally Open Gold Plated   | <b>S7</b> |
| Normally Closed Gold Plated | <b>S8</b> |

\* For use with non-illuminated operators in thermoplastic or aluminum enclosures listed on pages 30 and 36-37.

### Exploded Assembly View

- Up to four switch contacts can be installed with any Illuminated operator.
- Switch contacts and operators are sold separately. Preassembled push buttons are available on request.



For maintained or alternate action use Cat No. 2PPM.