

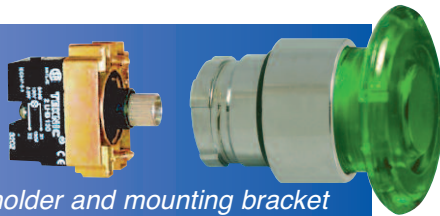
# 22mm LED Illuminated Mushroom Metal Operators



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

## Mushroom Illuminated Momentary

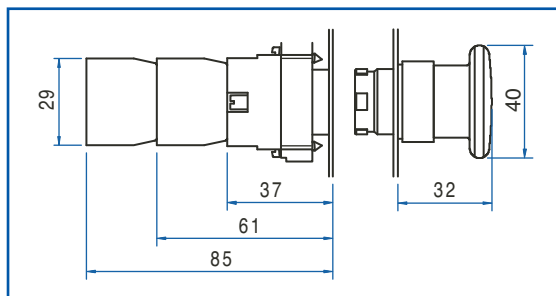
with LED bulb, bulb holder and mounting bracket



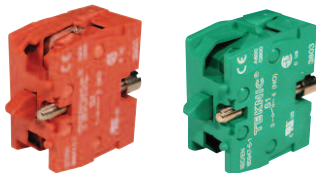
### Dimensional Drawings

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

Illuminated Mushroom 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.

### Color Description Cat No.

#### 12V AC/DC

<input type="checkbox"/>	White	40mm Head, 12VAC/DC	2ALM1LB-012
<input type="checkbox"/>	Green	40mm Head, 12VAC/DC	2ALM3LB-012
<input type="checkbox"/>	Red	40mm Head, 12VAC/DC	2ALM4LB-012
<input type="checkbox"/>	Amber	40mm Head, 12VAC/DC	2ALM5LB-012
<input type="checkbox"/>	Blue	40mm Head, 12VAC/DC	2ALM6LB-012
<input type="checkbox"/>	Clear	40mm Head, 12VAC/DC	2ALM7LB-012
<input type="checkbox"/>	Yellow	40mm Head, 12VAC/DC	2ALM8LB-012

#### 24V AC/DC

<input type="checkbox"/>	White	40mm Head, 24VAC/DC	2ALM1LB-024
<input type="checkbox"/>	Green	40mm Head, 24VAC/DC	2ALM3LB-024
<input type="checkbox"/>	Red	40mm Head, 24VAC/DC	2ALM4LB-024
<input type="checkbox"/>	Amber	40mm Head, 24VAC/DC	2ALM5LB-024
<input type="checkbox"/>	Blue	40mm Head, 24VAC/DC	2ALM6LB-024
<input type="checkbox"/>	Clear	40mm Head, 24VAC/DC	2ALM7LB-024
<input type="checkbox"/>	Yellow	40mm Head, 24VAC/DC	2ALM8LB-024

#### 48V AC/DC

<input type="checkbox"/>	White	40mm Head, 48VAC/DC	2ALM1LB-048
<input type="checkbox"/>	Green	40mm Head, 48VAC/DC	2ALM3LB-048
<input type="checkbox"/>	Red	40mm Head, 48VAC/DC	2ALM4LB-048
<input type="checkbox"/>	Amber	40mm Head, 48VAC/DC	2ALM5LB-048
<input type="checkbox"/>	Blue	40mm Head, 48VAC/DC	2ALM6LB-048
<input type="checkbox"/>	Clear	40mm Head, 48VAC/DC	2ALM7LB-048
<input type="checkbox"/>	Yellow	40mm Head, 48VAC/DC	2ALM8LB-048

#### 110V AC\*

<input type="checkbox"/>	White	40mm Head, 110VAC*	2ALM1LB-110
<input type="checkbox"/>	Green	40mm Head, 110VAC*	2ALM3LB-110
<input type="checkbox"/>	Red	40mm Head, 110VAC*	2ALM4LB-110
<input type="checkbox"/>	Amber	40mm Head, 110VAC*	2ALM5LB-110
<input type="checkbox"/>	Blue	40mm Head, 110VAC*	2ALM6LB-110
<input type="checkbox"/>	Clear	40mm Head, 110VAC*	2ALM7LB-110
<input type="checkbox"/>	Yellow	40mm Head, 110VAC*	2ALM8LB-110

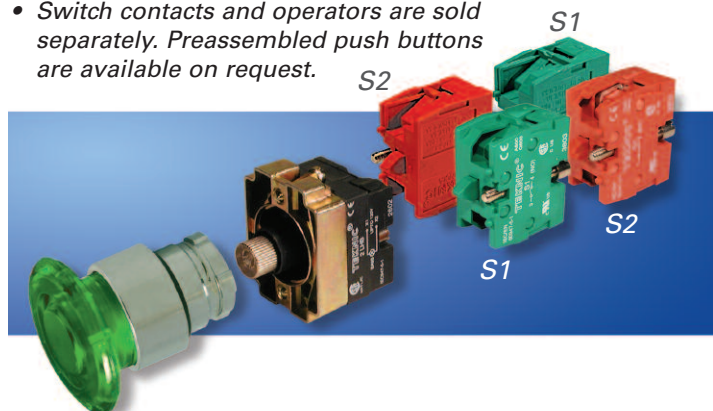
#### 230V AC\*

<input type="checkbox"/>	White	40mm Head, 230VAC*	2ALM1LB-230
<input type="checkbox"/>	Green	40mm Head, 230VAC*	2ALM3LB-230
<input type="checkbox"/>	Red	40mm Head, 230VAC*	2ALM4LB-230
<input type="checkbox"/>	Amber	40mm Head, 230VAC*	2ALM5LB-230
<input type="checkbox"/>	Blue	40mm Head, 230VAC*	2ALM6LB-230
<input type="checkbox"/>	Clear	40mm Head, 230VAC*	2ALM7LB-230
<input type="checkbox"/>	Yellow	40mm Head, 230VAC*	2ALM8LB-230

\*110V DC and 230V DC version is available on request.

### Exploded Assembly View

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



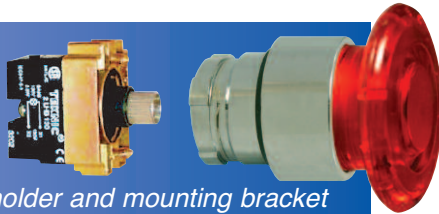
# 22mm LED Illuminated Mushroom Metal Operators



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**NEMA Type 4X**  
12 environment.

## Mushroom Illuminated Push-Pull

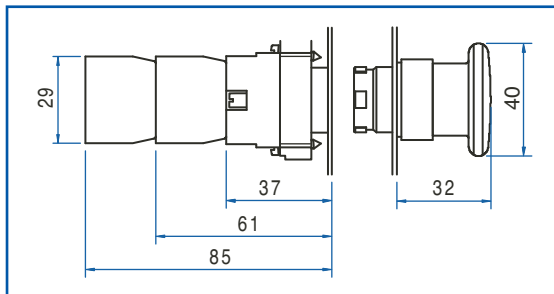
with LED bulb, bulb holder and mounting bracket



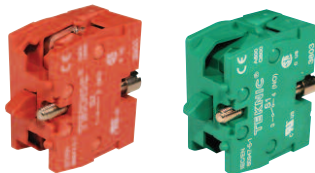
### Dimensional Drawings

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

Illuminated Mushroom Push-Pull



### 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.

Color	Description	Cat No.
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12V AC/DC		
<input type="checkbox"/>	White	40mm Head, 12VAC/DC 2ALMPP1LB-012
<input type="checkbox"/>	Green	40mm Head, 12VAC/DC 2ALMPP3LB-012
<input type="checkbox"/>	Red	40mm Head, 12VAC/DC 2ALMPP4LB-012
<input type="checkbox"/>	Amber	40mm Head, 12VAC/DC 2ALMPP5LB-012
<input type="checkbox"/>	Blue	40mm Head, 12VAC/DC 2ALMPP6LB-012
<input type="checkbox"/>	Clear	40mm Head, 12VAC/DC 2ALMPP7LB-012
<input type="checkbox"/>	Yellow	40mm Head, 12VAC/DC 2ALMPP8LB-012

24V AC/DC		
<input type="checkbox"/>	White	40mm Head, 24VAC/DC 2ALMPP1LB-024
<input type="checkbox"/>	Green	40mm Head, 24VAC/DC 2ALMPP3LB-024
<input type="checkbox"/>	Red	40mm Head, 24VAC/DC 2ALMPP4LB-024
<input type="checkbox"/>	Amber	40mm Head, 24VAC/DC 2ALMPP5LB-024
<input type="checkbox"/>	Blue	40mm Head, 24VAC/DC 2ALMPP6LB-024
<input type="checkbox"/>	Clear	40mm Head, 24VAC/DC 2ALMPP7LB-024
<input type="checkbox"/>	Yellow	40mm Head, 24VAC/DC 2ALMPP8LB-024

48V AC/DC		
<input type="checkbox"/>	White	40mm Head, 48VAC/DC 2ALMPP1LB-048
<input type="checkbox"/>	Green	40mm Head, 48VAC/DC 2ALMPP3LB-048
<input type="checkbox"/>	Red	40mm Head, 48VAC/DC 2ALMPP4LB-048
<input type="checkbox"/>	Amber	40mm Head, 48VAC/DC 2ALMPP5LB-048
<input type="checkbox"/>	Blue	40mm Head, 48VAC/DC 2ALMPP6LB-048
<input type="checkbox"/>	Clear	40mm Head, 48VAC/DC 2ALMPP7LB-048
<input type="checkbox"/>	Yellow	40mm Head, 48VAC/DC 2ALMPP8LB-048

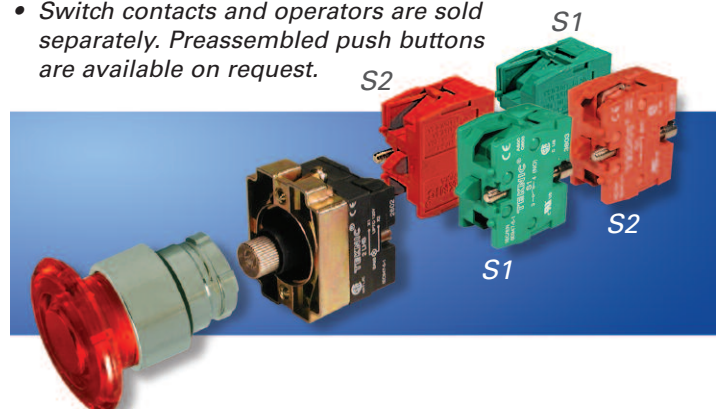
110V AC*		
<input type="checkbox"/>	White	40mm Head, 110VAC* 2ALMPP1LB-110
<input type="checkbox"/>	Green	40mm Head, 110VAC* 2ALMPP3LB-110
<input type="checkbox"/>	Red	40mm Head, 110VAC* 2ALMPP4LB-110
<input type="checkbox"/>	Amber	40mm Head, 110VAC* 2ALMPP5LB-110
<input type="checkbox"/>	Blue	40mm Head, 110VAC* 2ALMPP6LB-110
<input type="checkbox"/>	Clear	40mm Head, 110VAC* 2ALMPP7LB-110
<input type="checkbox"/>	Yellow	40mm Head, 110VAC* 2ALMPP8LB-110

230V AC*		
<input type="checkbox"/>	White	40mm Head, 230VAC* 2ALMPP1LB-230
<input type="checkbox"/>	Green	40mm Head, 230VAC* 2ALMPP3LB-230
<input type="checkbox"/>	Red	40mm Head, 230VAC* 2ALMPP4LB-230
<input type="checkbox"/>	Amber	40mm Head, 230VAC* 2ALMPP5LB-230
<input type="checkbox"/>	Blue	40mm Head, 230VAC* 2ALMPP6LB-230
<input type="checkbox"/>	Clear	40mm Head, 230VAC* 2ALMPP7LB-230
<input type="checkbox"/>	Yellow	40mm Head, 230VAC* 2ALMPP8LB-230

\*110V DC and 230V DC version is available on request.

### Exploded Assembly View

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