

## B18490 x x (from B18490 to B18495)

Rating (contact)  
Contact block  
Item No.

| Signal        | A      | B      |
|---------------|--------|--------|
| Contact block | 1NO1NC | 2NO2NC |

| Signal                          | A           | B           | C           | D           |
|---------------------------------|-------------|-------------|-------------|-------------|
| Contact rating (Resistive load) | 110V1A      | 220V0.5A    | 24V1A       | 12V1A       |
| Lamp                            | LED 110V2mA | LED 220V2mA | LED 24V20mA | LED 12V20mA |

Lens color : red, blue, green, white, orange

## Specifications

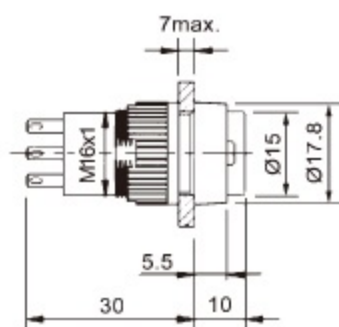
|                               |                                                                                                            |
|-------------------------------|------------------------------------------------------------------------------------------------------------|
| Contact resistance            | 50mΩ Max. (initial value)                                                                                  |
| Insulation resistance         | 100MΩ Min. (at 500VDC )                                                                                    |
| Dielectric strength           | between non-continuous terminals: 1000VAC/1minute<br>between current-carrying part&ground: 2000VAC/1minute |
| Ambient operating temperature | -25°C ~ +55°C                                                                                              |
| Humidity                      | 45% ~ 80%RH                                                                                                |
| Mechanical life               | momentary: 2,000,000 Min.<br>alternate: 250,000 Min.                                                       |
| Electrical life               | momentary: 100,000 Min. (1800 operations/hour)<br>alternate: 100,000 Min. (1200 operations/hour)           |
| Protection grade              | IP40                                                                                                       |

### B18490

Illuminated pushbutton switch  
Alternate type

### B18491

Illuminated pushbutton switch  
Momentary type

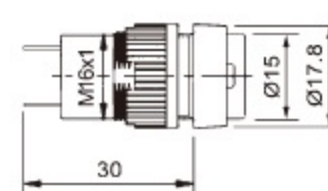


### B1870A /B /C /D

Indicator light

| Signal | A    | B    | C   | D   |
|--------|------|------|-----|-----|
| Rating | 110V | 220V | 24V | 12V |

Lens color: red blue green  
white orange

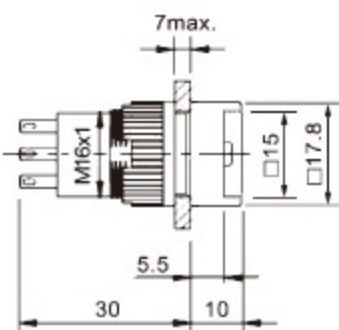


### B18492

Illuminated pushbutton switch  
Alternate type

### B18493

Illuminated pushbutton switch  
Momentary type

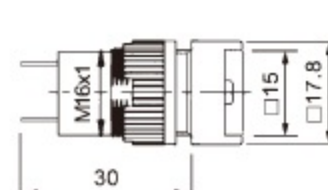


### B1871A /B /C /D

Indicator light

| Signal | A    | B    | C   | D   |
|--------|------|------|-----|-----|
| Rating | 110V | 220V | 24V | 12V |

Lens color: red blue green  
white orange

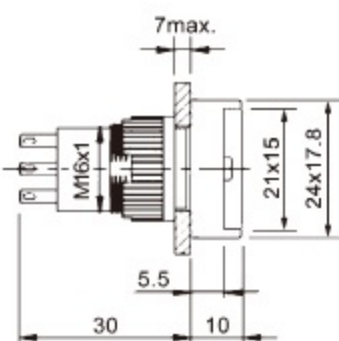


### B18494

Illuminated pushbutton switch  
Alternate type

### B18495

Illuminated pushbutton switch  
Momentary type

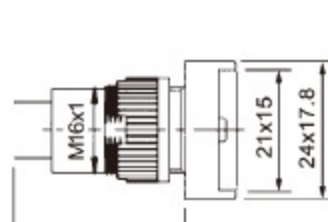


### B1872A /B /C /D

Indicator light

| Signal | A    | B    | C   | D   |
|--------|------|------|-----|-----|
| Rating | 110V | 220V | 24V | 12V |

Lens color: red blue green  
white orange



### B1856B /C /D

Illuminated pushbutton switch  
Alternate type

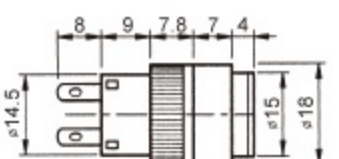
### B18561B /C /D

Illuminated pushbutton switch  
Momentary type



| Signal | B      | C     | D     |
|--------|--------|-------|-------|
| Rating | 250V3A | 24V3A | 12V5A |

Lens color: red blue green  
orange white



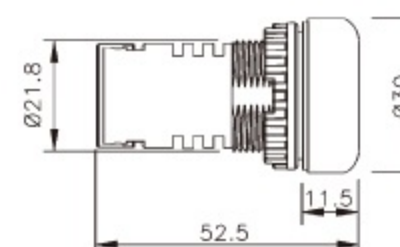
### B1875A /B /C /D

Continuous buzzer

B18751A /B /C /D  
Intermittence buzzer

| Signal | A    | B    | C   | D   |
|--------|------|------|-----|-----|
| Rating | 110V | 220V | 24V | 12V |

Lens color: black



### B1857B /C /D

Illuminated pushbutton switch  
Alternate type

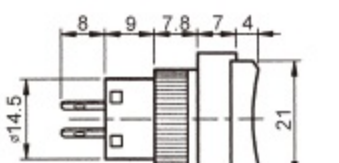
### B18571B /C /D

Illuminated pushbutton switch  
Momentary type



| Signal | B      | C     | D     |
|--------|--------|-------|-------|
| Rating | 250V3A | 24V3A | 12V5A |

Lens color: red blue green  
orange white



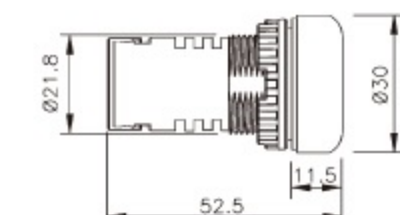
### B1876A /B /C /D

Buzzer indicator light  
Continuous light type

B18761A /B /C /D  
Buzzer indicator light  
Flashing light type

| Signal | A    | B    | C   | D   |
|--------|------|------|-----|-----|
| Rating | 110V | 220V | 24V | 12V |

Lens color: red





**B19300** x (from **B19300** to **B19310**)Contact block  
Item No.**B19315** x x (from **B19315** to **B19330**)Rated voltage  
Contact block  
Item No.

Contact block (NO : green ; NC : red)

| A   | B   | C      | D   | E   | F      | G   | H   |
|-----|-----|--------|-----|-----|--------|-----|-----|
| 1NO | 1NC | 1NO1NC | 2NO | 2NC | 2NO2NC | 4NO | 4NC |

Rated voltage

| Signal | A     | B     | C   | D    | E    |
|--------|-------|-------|-----|------|------|
| Rating | 110 V | 220 V | 6 V | 12 V | 24 V |

## Specifications

|                          |                                                                                |
|--------------------------|--------------------------------------------------------------------------------|
| Contact resistance       | 50mΩ max. (initial)                                                            |
| Dielectric strength      | 2500VAC, 1min.                                                                 |
| Operating temperature    | -25°C~+70°C ; -25°C~+50°C(illuminated type)                                    |
| Operating force          | 35N (momentary) ; 25N (maintained/mushroom)                                    |
| Mechanical life          | 5,000,000times(momentary);500,000times(maintained)<br>1,000,000times(mushroom) |
| Electrical life          | 500,000 times                                                                  |
| Rated insulation voltage | 650VAC                                                                         |
| Rated thermal current    | 10Amp                                                                          |
| Protection degree        | IP65 (from the front of panel)                                                 |

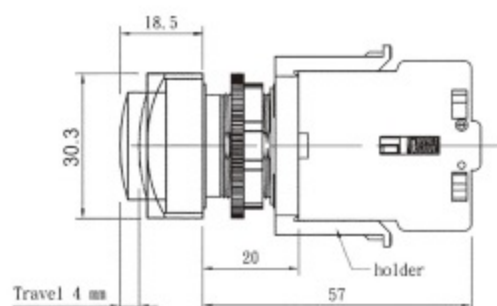
**B19300**

Extended head pushbutton switch (maintained)

**B19301**

Extended head pushbutton switch (momentary)

Pushbutton color : blue green red yellow white black orange

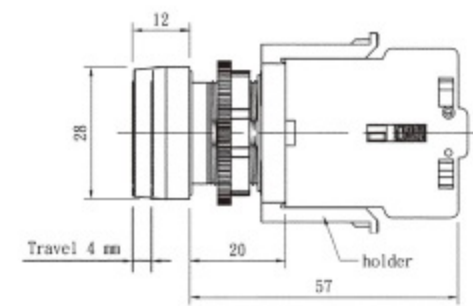
**B19315**

Illuminated flat head pushbutton switch (maintained)

**B19316**

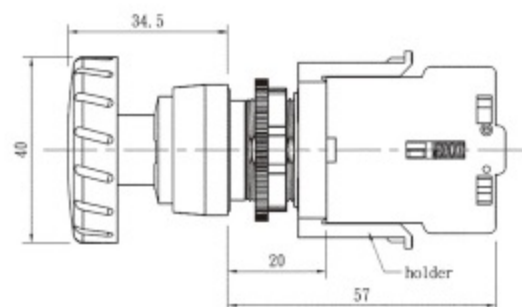
Illuminated flat head pushbutton switch (momentary)

Lens color : blue green red yellow white black orange

**B19305**

Mushroom head pushbutton switch (momentary)

Pushbutton color : blue green red yellow black

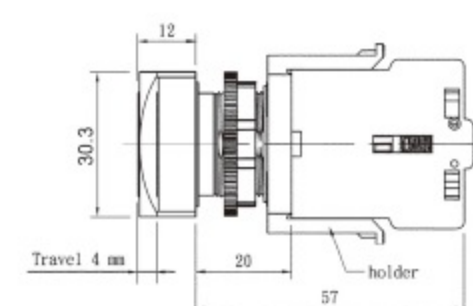
**B19320**

Illuminated flat head pushbutton switch (maintained)

**B19321**

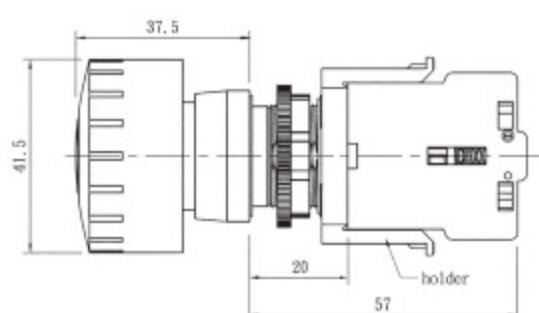
Illuminated flat head pushbutton switch (momentary)

Lens color : blue green red yellow white black orange

**B19310**

Big mushroom head pushbutton switch (momentary)

Pushbutton color : red

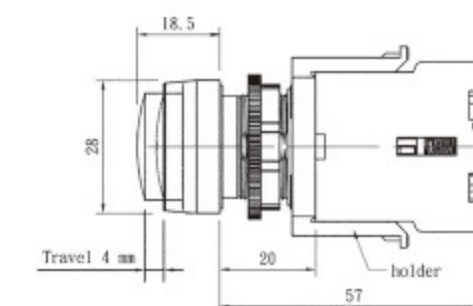
**B19325**

Illuminated extended head pushbutton switch (maintained)

**B19326**

Illuminated extended head pushbutton switch (momentary)

Lens color : blue green red yellow white black orange

**B19330**

Illuminated mushroom head pushbutton switch (momentary)

Lens color : red green

