

## Components for BZC8050 Control Stations

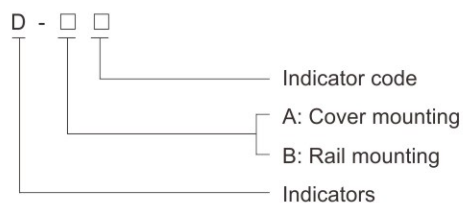
### BD8060 Series Indicators



- ◆ Explosion protection to
  - CENELEC
  - IEC
  - NEC
- ◆ Can be used in
  - Zone 1 and Zone 2
  - Zone 21 and Zone 22
  - Class I, Zone 1 and Zone 2
  - Class I, Division 2, Groups A, B, C, D
- ◆ Available in
  - red
  - green
  - yellow
  - blue
  - white
- ◆ Two mounting types
  - cover mounting
  - rail mounting
- ◆ Two-wire interface, can be paralleled, the maximum wire diameter is 2.5mm<sup>2</sup>.
- ◆ High power, high brightness, even and harmonious.

#### ■ Catalogue number logic

BD8060(D for short)

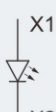


# Zones 1&2; 21&22

## Components for BZC8050 Control Stations

### BD8060 Series Indicators

Selection table

| Version                                                                                                     | Voltage                                                                                 | Schematic diagram                                                                   | Colour | Code | Ordering code | Weight (kg) |
|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|------|---------------|-------------|
|  <p>A: Cover mounting</p>  | Rated voltage: AC 220V...AC 440V<br>Voltage range: -10%...+6%<br>Frequency: 50Hz...60Hz |    | Red    | Ra   | 40099C/40099D | 0.05        |
|                                                                                                             |                                                                                         |                                                                                     | Green  | Ga   | 40100C/40100D |             |
|                                                                                                             |                                                                                         |                                                                                     | Yellow | Ya   | 40101C/40101D |             |
|                                                                                                             |                                                                                         |                                                                                     | Blue   | Ba   | 40166C/40166D |             |
|                                                                                                             |                                                                                         |                                                                                     | White  | Wa   | 40102C/40102D |             |
|                                                                                                             | Rated voltage: AC/DC 48V...125V<br>Voltage range: -10%...+6%<br>Frequency: 0Hz...60Hz   |    | Red    | Rb   | 40103C/40103D | 0.05        |
|                                                                                                             |                                                                                         |                                                                                     | Green  | Gb   | 40104C/40104D |             |
|                                                                                                             |                                                                                         |                                                                                     | Yellow | Yb   | 40105C/40105D |             |
|                                                                                                             |                                                                                         |                                                                                     | Blue   | Bb   | 40167C/40167D |             |
|                                                                                                             |                                                                                         |                                                                                     | White  | Wb   | 40106C/40106D |             |
|                                                                                                             | Rated voltage: AC/DC 12V...36V<br>Voltage range: -10%...+6%<br>Frequency: 0Hz...60Hz    |  | Red    | Rc   | 40107C/40107D | 0.05        |
|                                                                                                             |                                                                                         |                                                                                     | Green  | Gc   | 40108C/40108D |             |
|                                                                                                             |                                                                                         |                                                                                     | Yellow | Yc   | 40109C/40109D |             |
|                                                                                                             |                                                                                         |                                                                                     | Blue   | Bc   | 40168C/40168D |             |
|                                                                                                             |                                                                                         |                                                                                     | White  | Wc   | 40110C/40110D |             |
|  <p>B: Rail mounting</p> | Rated voltage: DC 220V~250V<br>Voltage range: -10%...+6%                                |  | Red    | Rd   | 40111C/40111D | 0.05        |
|                                                                                                             |                                                                                         |                                                                                     | Green  | Gd   | 40112C/40113D |             |
|                                                                                                             |                                                                                         |                                                                                     | Yellow | Yd   | 40113C/40113D |             |
|                                                                                                             |                                                                                         |                                                                                     | Blue   | Bd   | 40169C/40169D |             |
|                                                                                                             |                                                                                         |                                                                                     | White  | Wd   | 40114C/40114D |             |
|                                                                                                             | BD8160 Indicator cover                                                                  |                                                                                     | Red    | a    | 40115A        | 0.05        |
|                                                                                                             |                                                                                         |                                                                                     | Green  | b    | 40116A        |             |
|                                                                                                             |                                                                                         |                                                                                     | Yellow | c    | 40117A        |             |
|                                                                                                             |                                                                                         |                                                                                     | White  | d    | 40118A        |             |
|                                                                                                             |                                                                                         |                                                                                     | Blue   | e    | 40170A        |             |
|  <p>B: Rail mounting</p> |                                                                                         |                                                                                     | Red    | a    | 40115B        |             |
|                                                                                                             |                                                                                         |                                                                                     | Green  | b    | 40116B        |             |
|                                                                                                             |                                                                                         |                                                                                     | Yellow | c    | 40117B        |             |
|                                                                                                             |                                                                                         |                                                                                     | White  | d    | 40118B        |             |
|                                                                                                             |                                                                                         |                                                                                     | Blue   | e    | 40170B        |             |

## Components for BZC8050 Control Stations

### BD8060 Series Indicators

#### Technical data

##### Indicators BD8060

##### Explosion protection

Global (IECEX)

IECEX CQM 24.0019U

Gas

Ex db eb IIC Gb

Europe (ATEX)

CML 24 ATEX 1227U

Gas

Ex II 2 G Ex db eb IIC Gb

##### Certificates

IECEX; ATEX

##### Conformity to standards

EN 60079-0, EN 60079-1, EN 60079-7

IEC 60079-0, IEC 60079-1, IEC 60079-7

##### Rated voltage

AC/DC12V~36V, AC/DC48V~125V, DC220V~250V, AC220V~440V

##### Rated current

Max.15mA

##### Frequency

0Hz...60Hz

##### Rated output wattage

Max.3W

##### Service life

10<sup>5</sup> hours

##### Ambient temperature

-60°C~+90°C

##### Colour

Red, green, yellow, blue, white

##### Lamp

LED

##### Enclosure material

Polyamide (PA66)

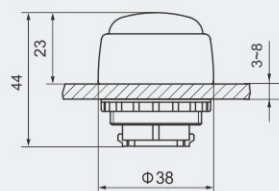
##### Terminal

Suitable for 2.5mm<sup>2</sup> cable

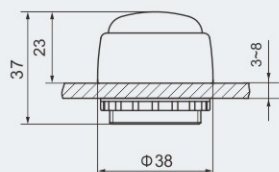
##### Indicator cover material

PC

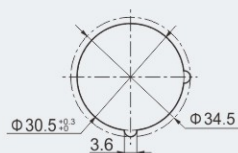
#### Dimension drawings (all dimensions in mm) - subject to alteration



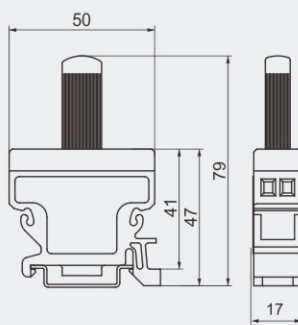
A: Cover mounting



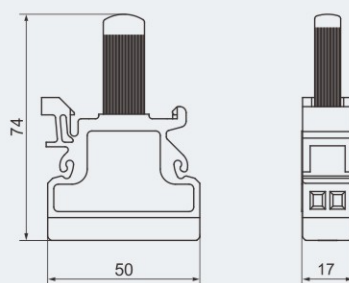
B: Rail mounting  
Indicator cover



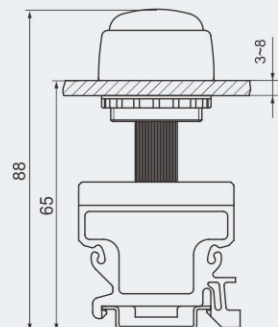
Mounting hole



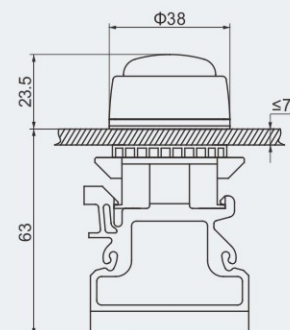
Indicator  
(rail mounting)



Indicator  
(cover mounting)



Rail mounting



Cover mounting