

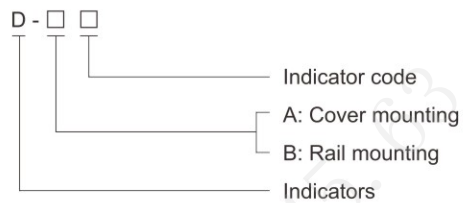
## Components for BZC8050 Control Stations BD8060 Series Indicators



- ◆ 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 Voltage range: -10%...+6% 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		
	 <p>B: Rail mounting</p>	Rated voltage: AC/DC 48V...125V Voltage range: -10%...+6% 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	
	 <p>B: Rail mounting</p>	Rated voltage: AC/DC 12V...36V Voltage range: -10%...+6% 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 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		
 <p>A: Cover mounting</p>			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	0.05	
			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

Ⓔ 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)

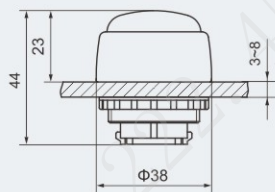
##### Terminal

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

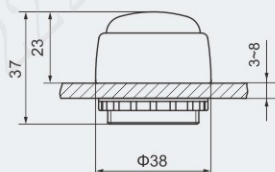
##### Indicator cover material

PC

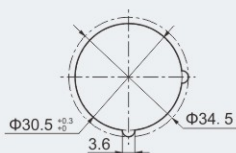
### Dimension drawings (all dimensions in mm) - subject to alteration



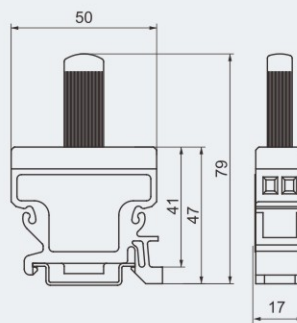
A: Cover mounting



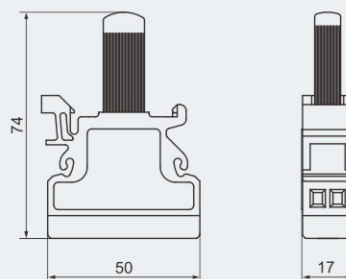
B: Rail mounting  
Indicator cover



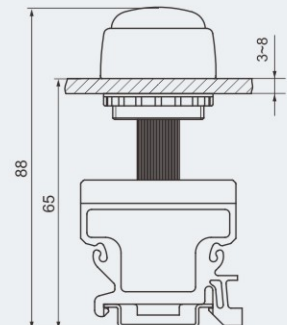
Mounting hole



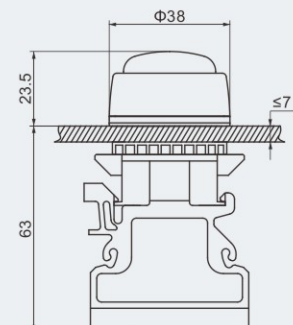
Indicator  
(rail mounting)



Indicator  
(cover mounting)



Rail mounting



Cover mounting