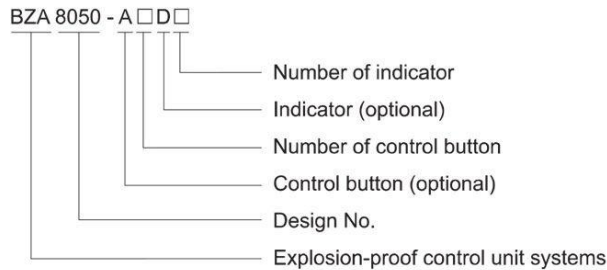




- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
 - Class I, Zone 1 and Zone 2
 - Class I, Division 2, Groups A, B, C, D
- ◆ GRP (glass fibre-reinforced polyester resin) enclosure.
- ◆ Three types of enclosure.
- ◆ Individual unit can be combined into larger units.







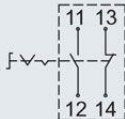

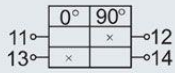
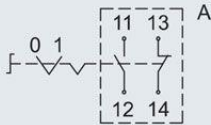
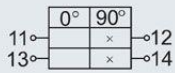
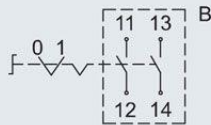






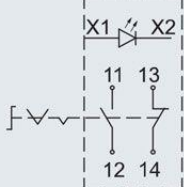



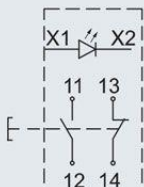

■ Catalogue number logic



■ Note



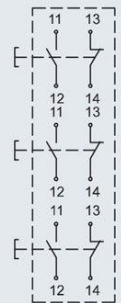




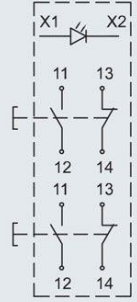




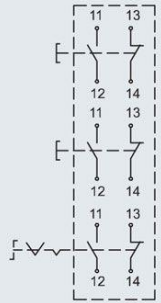




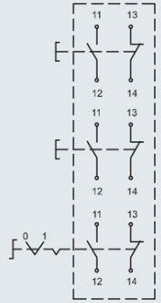




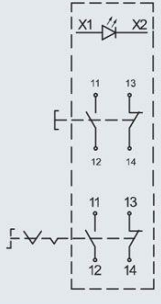


1. Please refer to the Selection table on P4/19~20.
2. Please select internal components as below:
 - Selection table of BA8050 control button on P4/38~41 (Nominal contact is 1NO+1NC);
 - Selection table of BD8050 indicator on P4/42~44;
3. Example: BZA8050-A2
 - Components: two control buttons
 - Tech. Details: One start control button (40092B + 40090-1+40091-1, green, 1NO+1NC);
 - One stop control button (40092A+ 40090-1+40091-1, red, 1NO+1NC);
4. Special requirements on request.

Zones 1&2; 21&22

| Selection table | | | | |
|---|---|---|---------------|-------------|
| Outline | Colour | Chart of contact | Ordering code | Weight (kg) |
| Spring-return button  | Red  |  | 40063A | 0.65 |
| | Green  | | 40063B | |
| Mushroom stay-put emergency button  | Red  |  | 40064 | 0.65 |
| Rotary button  |  |  A | 40065A | 0.65 |
| |  |  B | 40065B | 0.65 |
| Spring-return button  | Green  |  | 40066 | 0.85 |
| | Red  | | | |
| Indicator and mushroom stay-put emergency button  | Red  |  | 40067 | 0.85 |
| | Red  | | | |
| Indicator and spring-return button  | Red  |  | 40068 | 0.85 |
| | Red  | | | |



Selection table

| Outline | Colour | Chart of contact | Ordering code | Weight (kg) |
|---|--|---|---------------|-------------|
| Spring-return button  | Yellow  |  | 40069 | 1.10 |
| | Green  | | | |
| | Red  | | | |
| Spring-return button and indicator  | Red  |  | 40070 | 1.10 |
| | Green  | | | |
| | Red  | | | |
| Spring-return button and mushroom stay-put emergency button  | Green  |  | 40071 | 1.10 |
| | Red  | | | |
| | Red  | | | |
| Spring-return button and rotary button  | Green  |  | 40072 | 1.10 |
| | Red  | | | |
| | Red  | | | |
| Indicator, spring-return button and mushroom stay-put emergency button  | Red  |  | 40073 | 1.10 |
| | Red  | | | |
| | Red  | | | |



Technical data

Explosion-proof control unit systems BZA8050

Explosion protection

Gas explosion protection

II 2 G Ex d e IIC T6 Gb

Dust explosion protection

II 2 D Ex tb IIIC T80°C Db IP65

Certificates

LCIE 09 ATEX 3097; IECEx CQM 11.0018

Conformity to standards

EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-31
 IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-31

Enclosure material

GRP (glass fibre-reinforced polyester resin)

Enclosure colour

Black

Exposed fastener

Stainless steel

Rated voltage

Max. 415V AC

Rated current

10A

Degree of protection

IP65

Ambient temperature

-20°C~+55°C

Cable entries

1 x M25 x 1.5 cable gland (DQM- I, plastic)

Available cable outer diameter

Φ9~Φ16 (mm)

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

