BXK

Type explosion–proof control box (Ⅱ C)



Application

- Can be used in hazardous areas: Zone 1 andZone 2
- Can be used in explosive gas atmospheres of Category IIA 、IIB and 、 Ⅱ C where the temperature classification is T1 ~ T6.

Model implication

BXK –□□□□□

- Forth part: switch specification code
- Third part: indicator specification code
- Second part: ammeter specification code
- First part: button specification code
- Chief part: shell specification
- Explosion–proof for controlling control box

Application of chief part

A□ B□ D□ K□ □/ □□

- Inlet's thread specification
- Inlet's thread specification
- Inlet's mode
  - D: Upward outlet
  - X: Downward outlet (Ommitable)
- Switch's number (No matching not noted)
- Indicator's number (No matching not noted)
- Ammeter's number (No matching not noted)
- Button's number (No matching not noted)

BXK

Type explosion–proof control box (Ⅱ C)

Application of chief part, first part, second part, third part, forth part to be seen page 74.
If IIB group, the code of switch to be seen pageB–100.
The code of indicator and button to be seen pageB–097.
If IIC group, the code of switch to be seen page B–100.
The code of indicator and button to be seen page B–105.
* Note: The mounting mode of controller is pendant type, please note if heed.

Technical parameters

- Implementing the standard： GB 3836.1、GB 3836.2、GB 3836.3、IEC60079
- Explosion–proof mark：Exdemb Ⅱ CT6Gb、Exd Ⅱ CT6/DIPA20TA,T6
- Usage: AC–3、AC–4
- Rated voltage: AC380/220V
- Rated current: 10A
- Protection grade: IP65
- Corrosion–proof grade: Wf1
- Inlet specification: G3/4″ ~ G1^{1}/2″
- Cable specification: ϕ9mm~ϕ25mm

Features

- The product is generally of composite structure, with the increased safety type structure adopted for housing, the cover joint of which is of labyrinth structure. The high temperature resistant and ageing resistant silicone rubber is adopted for sealed strip and is provided with good dustproof, waterproof and other performances；

BXK

Type explosion–proof control box (Ⅱ C)

- The housing is die–cast by adopting ZL102 aluminum alloy, with high voltages static spray on surface;
- Six built–in explosion–proof pieces: Indicator lamp, ammeter, tachometer, potentiometer, control button and control selector, etc. The built–in elements in control box can be arranged according to customer requirements and can realize manifold functions;
- The control switch includes multiple models and different functions for customer to select;
- This product is multitudinous. Please provide an intact electrical systematic drawing when user places an order.

Outline and mounting example

