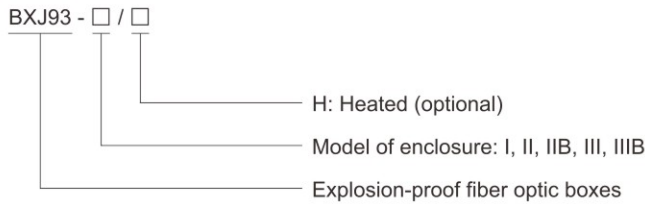


## Terminal Boxes BXJ93 Series Explosion-proof Fiber Optic Boxes



- ◆ 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
- ◆ Enclosure: stainless steel.
- ◆ Special requirements on request.
- ◆ Features an integrated fiber optic fusion panel, enabling the fusion, fixation, and branching of multiple-core optical fibers, thereby facilitating efficient distribution of optical signals.
- ◆ It also offers reserved space for coiling redundant optical fibers, preventing excessive bending and minimizing signal loss.

### ■ Catalogue number logic



### ■ Selection table

| Type / Ordering code | Number of fibers | Ex-mark  | Ambient temperature |
|----------------------|------------------|--|---------------------|
| BXJ93-I              | 48               | Ex op pr IIC T6 Gb<br>Ex op pr tb IIIC T80°C Db<br>⊕ Ex II 2 G Ex op pr IIC T6 Gb<br>⊕ Ex II 2 D Ex op pr tb IIIC T80°C Db             | -60°C~+60°C         |
| BXJ93-II             | 96               |  |                     |
| BXJ93-IIB            | 192              |  |                     |
| BXJ93-III            | 144              |  |                     |
| BXJ93-IIIB           | 288              |  |                     |
| BXJ93-II/H           | 96               | Ex db eb op pr IIC T5 Gb<br>Ex op pr tb IIIC T95°C Db<br>⊕ Ex II 2 G Ex db eb op pr IIC T5 Gb<br>⊕ Ex II 2 D Ex op pr tb IIIC T95°C Db | -60°C~+50°C         |
| BXJ93-IIB/H          | 192              |  |                     |
| BXJ93-III/H          | 144              |  |                     |
| BXJ93-IIIB/H         | 288              |  |                     |

Zones 1&2; 21&22

# Terminal Boxes

## BXJ93 Series Explosion-proof Fiber Optic Boxes

### Technical data

Explosion-proof fiber optic boxes      **BXJ93-□/□/□**

#### Explosion protection

Global (IECEX)  
Gas and dust

IECEX CQM 25.0024X  
Ex op pr IIC T6 Gb (without heater)  
Ex op pr tb IIIC T80°C Db (without heater)  
Ex db eb op pr IIC T5 Gb (with heater)  
Ex op pr tb IIIC T95°C Db (with heater)

Europe (ATEX)  
Gas and dust

TÜV CY 25 ATEX 0207447 X  
⊕ Ex II 2 G Ex op pr IIC T6 Gb (without heater)  
⊕ Ex II 2 D Ex op pr tb IIIC T80°C Db (without heater)  
⊕ Ex II 2 G Ex db eb op pr IIC T5 Gb (with heater)  
⊕ Ex II 2 D Ex op pr tb IIIC T95°C Db (with heater)

#### Certificates

#### Conformity to standards

IECEX; ATEX  
EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-28, EN 60079-31  
IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-28, IEC 60079-31

#### Enclosure material

#### Exposed fastener

#### Rated voltage

#### Number of fibers

#### Internal & external earthing

#### Degree of protection

#### Ambient temperature

Stainless steel  
Stainless steel  
BXJ93-□H: 230V AC 50/60Hz  
48, 96, 192, 144, 288  
M8/M12  
IP66  
-60°C~+60°C(+50°C)

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

