

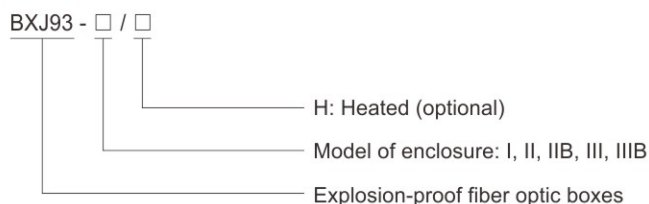
Terminal Boxes

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 Ex tb IIIC T80°C/T95°C Db ⊕ Ex II 2 G Ex op pr IIC T6 Gb ⊕ Ex II 2 D Ex tb IIIC T80°C/T95°C Db	-60°C~+60°C
BXJ93-II	96		
BXJ93-IIB	192		
BXJ93-III	144		
BXJ93-IIIB	288	Ex op pr db eb IIC T5 Gb Ex tb IIIC T80°C/T95°C Db ⊕ Ex II 2 G Ex op pr db eb IIC T5 Gb ⊕ Ex II 2 D Ex tb IIIC T80°C/T95°C Db	-60°C~+50°C
BXJ93-II/H	96		
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 (applied for)

Ex op pr IIC T6 Gb

Ex op pr db eb IIC T5 Gb

Ex tb IIIC T80°C/T95°C Db

Europe (ATEX)

Gas and dust

ATEX (applied for)

Ⓔ II 2 G Ex op pr IIC T6 Gb

Ⓔ II 2 G Ex op pr db eb IIC T5 Gb

Ⓔ II 2 D Ex tb IIIC T80°C/T95°C Db

Certificates

IECEX; ATEX

Conformity to standards

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

Stainless steel

Exposed fastener

Stainless steel

Rated voltage

BXJ93-□H: 250V AC 50/60Hz

Number of fibers

48, 96, 192, 144, 288

Internal & external earthing

M8/M12

Degree of protection

IP66

Ambient temperature

-60°C~+60°C(+50°C)

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

