

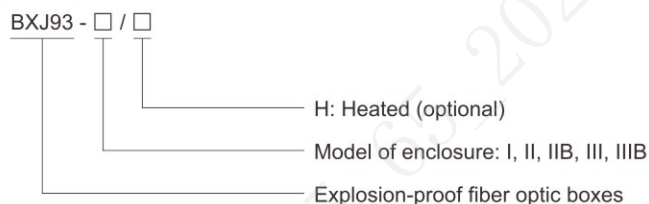
Terminal Boxes

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 op pr tb IIIC T80°C Db ⊕ II 2 G Ex op pr IIC T6 Gb ⊕ 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 Ex op pr tb IIIC T95°C Db ⊕ II 2 G Ex db eb op pr IIC T5 Gb ⊕ 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)

TÜV CY 25 ATEX 0207447 X

Europe (ATEX)

Gas and dust

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

Stainless steel

Stainless steel

Rated voltage

BXJ93-□H: 230V AC 50/60Hz

Number of fibers

48, 96, 192, 144, 288

Internal & external earthing

M8/M12

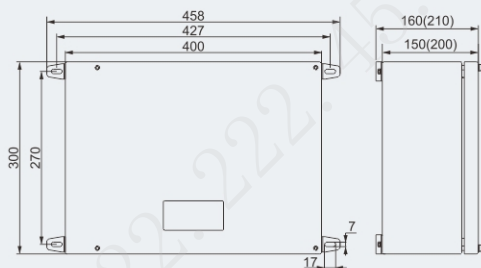
Degree of protection

IP66

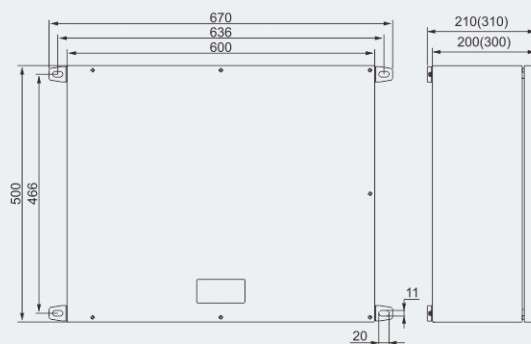
Ambient temperature

-60°C~+60°C(+50°C)

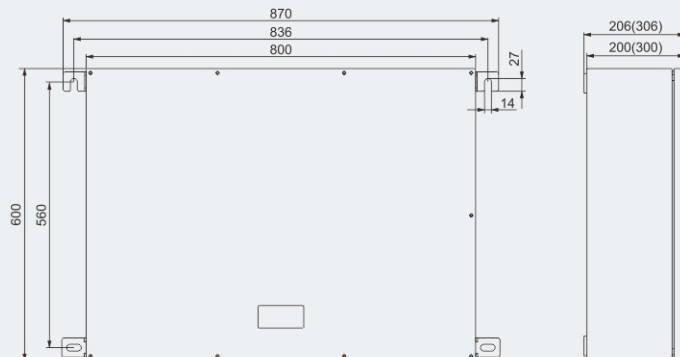
Dimension drawings (all dimensions in mm) - subject to alteration



Type I



Type II, IIB



Type III, IIIB