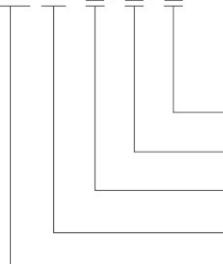


- ◆ Explosion protection to
  - CENELEC
  - IEC
  - NEC
- ◆ Can be used in
  - Zone 1 and Zone 2
  - Zone 21 and Zone 22
  - Class I, Zone 1 and Zone 2
  - Class I, Division 1, Groups B, C, D
- ◆ Flameproof enclosure (Ex d IIB+H<sub>2</sub>), which can be used as feed distribution equipment in control and distribution system(such as distribution box, switch box of main circuit ,control box, terminal box or motor starting box etc.)
- ◆ Copper-free Aluminium Alloy enclosure, powder coated surface.
- ◆ Equipped with specialized hinge structure, which can prevent the flameproof joints from damage when opening and closing the box, and greatly prolong the service life of box.
- ◆ The boxes can be combined and installed freely to save space and meet the requirements of various distribution systems.
- ◆ Special requirements on request.
- ◆ The large space of the enclosure makes it easy for wire assembling.
- ◆ Adopting high-precision machining, excellent explosion-proof performance.
- ◆ Professionally designed door handles, reliable and safe when opening the door.
- ◆ Professionally designed hinges, reliable and safe when opening the door.



## ■ Catalogue number logic

BXJ 95 - □ / □ / □



- Rated current (A)

- Rated voltage (V)

- Specification code(VIIIB, IXB)

- Design No.

#### - Explosion-proof High-voltage junction box

## Zones 1&2; 21&22

## Terminal Boxes

### BXJ95 Series Explosion-proof High-voltage Junction Boxes

#### Technical data

##### Explosion-proof high-voltage junction boxes BXJ95-□/□/□

#### Explosion protection

Global (IECEx)	IECEx PCET 24.0030X
Gas and dust	Ex db IIB+H <sub>2</sub> T6/T5 Gb
	Ex tb IIIC T80°C/T95°C Db
Europe (ATEX)	ATEX (applied for)
Gas and dust	Ex II 2 G Ex db IIB+H <sub>2</sub> T6/T5 Gb
	Ex II 2 D Ex tb IIIC T80°C/T95°C Db

#### Certificates

#### Conformity to standards

#### Enclosure material

Copper-free Aluminium Alloy enclosure, powder coated surface, window grey (RAL7040)

#### Exposed fastener

Stainless steel

#### Rated voltage

Max. 15kV AC

#### Rated current

Max. 800A

#### Degree of protection

IP66

#### Internal&external earthing

M8/M8

#### Ambient temperature

T6/T80°C for Tamb: -60°C~+40°C

T5/T95°C for Tamb: -60°C~+60°C

#### Cable entries

Standard M□ x 1.5 plug (the size of entry hole should be processed in accordance with actual requirements), NPT □ plug on request.

#### Cable gland (optional)

DQM-II (Ex d) or DQM-III (Ex d) is recommended. Please see P7/22~31.

#### Entry direction

Bottom

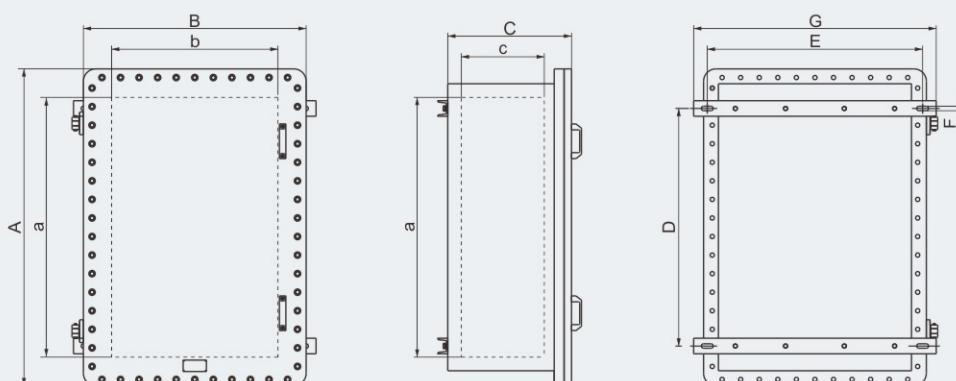
#### Mounting

Surface type (standard)

Pedestal type (optional)



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



Model	A	B	C	a	b	c	D	E	F	G
BXJ95-VIIB	980	720	425	800	540	270	660	690	18	800
BXJ95-IXB	1280	900	500	1050	670	330	960	870	18	980