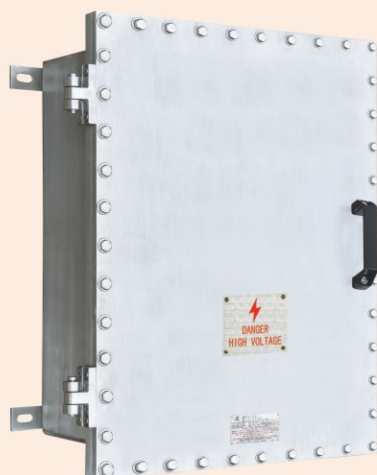


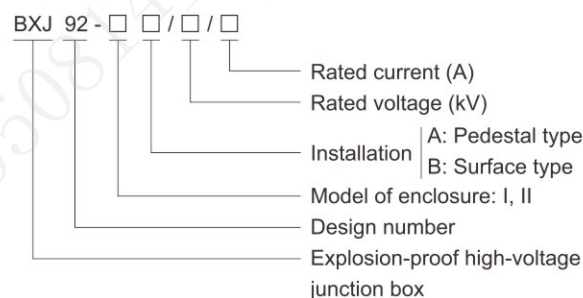
Terminal Boxes

BXJ92 Series Explosion-proof High-Voltage Junction 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 or carbon steel.
- ◆ Special requirements on request.
- ◆ Copper bars and high-voltage insulators.

Catalogue number logic



Technical data

Explosion-proof high-voltage junction box BXJ92-□/□/□

Explosion protection

Global (IECEX)
Gas and dust

IECEX PCET 24.0011X

Ex db IIB T6...T5 Gb

Ex tb IIIC T80°C...T95°C Db

ExVeritas 24 ATEX 1911X

Europe (ATEX)

Gas and dust

Ex II 2 G Ex db IIB T6...T5 Gb

Ex II 2 D Ex tb IIIC T80°C...T95°C Db

Certificates

Conformity to standards

IECEX; ATEX

EN 60079-0, EN 60079-1, EN 60079-31

IEC 60079-0, IEC 60079-1, IEC 60079-31

Enclosure material

Exposed fastener

Rated voltage

Rated current

Stainless steel or carbon steel

Stainless steel

3~15kV (standard), 24~35kV(optional)

Up to max. 800A

Form of maximum power dissipation and temperature rise

Ta=60°C

T5/T95°C

T6/T80°C

Type

Power consumption (W)

Power consumption (W)

BXJ92-I

371

180

BXJ92-II

575

279

Internal & external earthing

Degree of protection

Ambient temperature

M8/M12

IP66

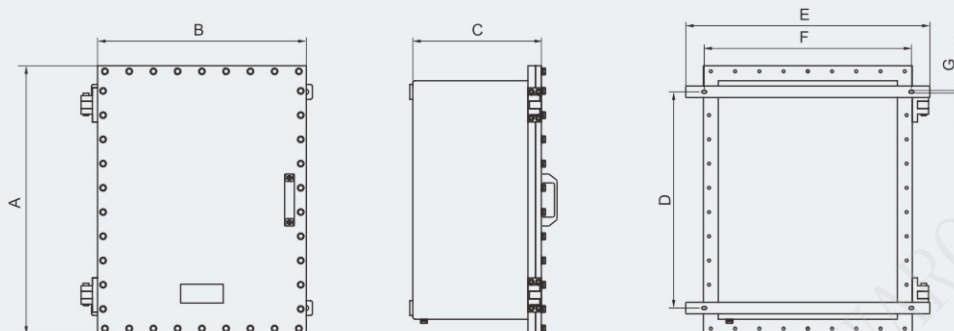
-60°C≤Ta≤+60°C

Zones 1&2; 21&22

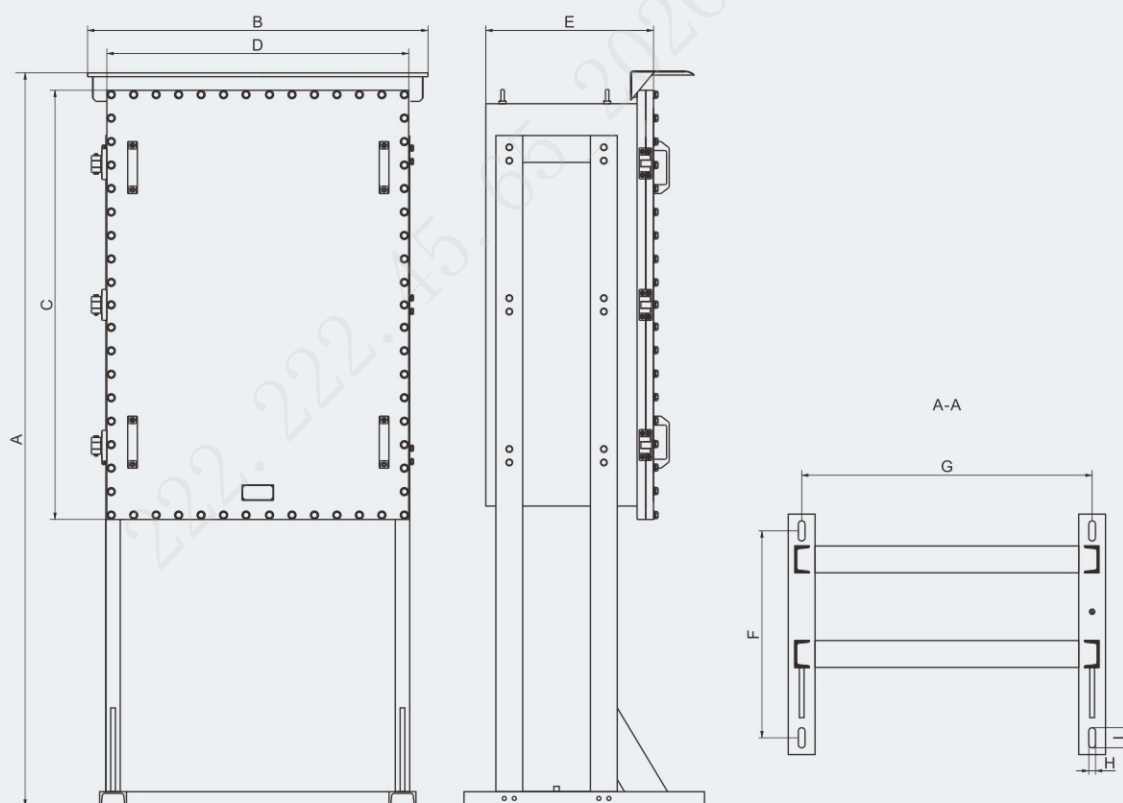
Terminal Boxes

BXJ92 Series Explosion-proof High-Voltage Junction Boxes

Selection table of BXJ92 series explosion-proof high-voltage junction box (all dimensions in mm)



Version	External dimension			Mounting dimension			
	A	B	C	D	E	F	G
BXJ92-IA/□/□	980	720	425	600	800	720	12
BXJ92-IIA/□/□	1280	900	500	1030	1060	900	12



Version	External dimension					Mounting dimension			
	A	B	C	D	E	F	G	H	I
BXJ92-IB/□/□	1945	840	980	720	425	550	686	60	20
BXJ92-IIB/□/□	2195	1015	1280	900	500	617	866	60	20