

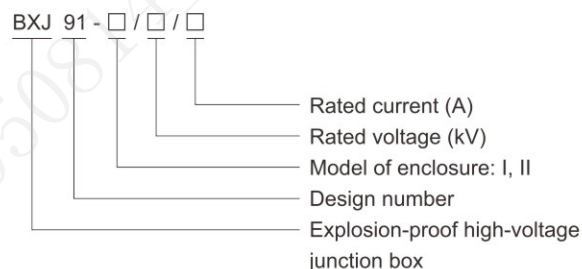
Terminal Boxes

BXJ91 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 BXJ91-□/□/□

Explosion protection

Global (IECEX)

IECEX CQM 24.0021X

Gas and dust

Ex eb IIC T6...T4 Gb

Ex ec IIC T6...T4 Gc

Ex tb IIIC T80°C Db

Europe (ATEX)

ExVeritas 24 ATEX 1877X

Gas and dust

Ex II 2 G Ex eb IIC T6...T4 Gb

Ex II 3 G Ex ec IIC T6...T4 Gc

Ex II 2 D Ex tb IIIC T80°C Db

Certificates

IECEX; ATEX

Conformity to standards

EN 60079-0, EN 60079-7, EN 60079-31

IEC 60079-0, IEC 60079-7, IEC 60079-31

Enclosure material

Stainless steel or carbon steel

Exposed fastener

Stainless steel

Rated voltage

Max. 11kV AC(eb)

Max. 15kV AC(ec)

Zones 1&2; 21&22

Terminal Boxes

BXJ91 Series Explosion-proof High-Voltage Junction Boxes

Explosion-proof high-voltage junction box		BXJ91-□/□/□		
Rated current	Max. 800A			
	Conductor (mm ²)	Safe carrying capacity (A)	Temp. Class	
			-60℃≤Ta≤+40℃	-60℃≤Ta≤+60℃
	70	200	T6	T5
	95	250		
	120	320		
	150	350		
	185	400		
	240	500	T5	T4
	300	630		
	400	800		
Internal & external earthing	M8/M8			
Degree of protection	IP66			
Ambient temperature	-60℃≤Ta≤+40℃/+60℃			

Selection table of BXJ91 series explosion-proof high-voltage junction box (all dimensions in mm)

