

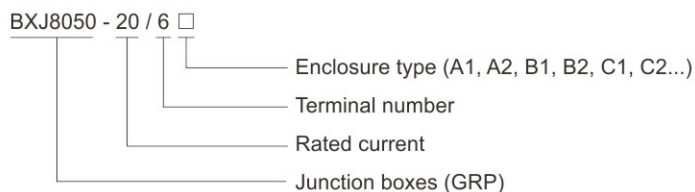
Terminal Boxes

BXJ8050-20/6 Series 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
- ◆ GRP (glass fibre-reinforced polyester resin) enclosure.

Catalogue number logic



Technical data

Junction boxes BXJ8050-20/6 □

Explosion protection

Global (IECEX)	IECEX CQM 07.0013
Gas	Ex e II T6
Europe (ATEX)	PTB 15 ATEX 1016X
Gas	Ex II 2 G Ex e IIC T6 Gb

Certificates

IECEX; ATEX; CU-TR

Conformity to standards

EN 60079-0, EN 60079-7
IEC 60079-0, IEC 60079-7

Enclosure material

GRP (glass fibre-reinforced polyester resin)

Terminal

6 stud terminals

Cross section of cable

0.2~4mm²

Exposed fastener

Stainless steel

Rated voltage

Max. 500V AC

Rated current

20A

Degree of protection

IP65

Ambient temperature

-20°C~+55°C

Cable entries

Standard, see Selection table

Zones 1&2; 21&22

Terminal Boxes

BXJ8050-20/6 Series Junction Boxes

Selection table

Type/Ordering code	Schematic diagram		Cable gland	Weight (kg)
BXJ8050-20/6A1	A1		1 x M20 x 1.5 DQM-I (plastic)	0.65
BXJ8050-20/6A2	A2		1 x M25 x 1.5 DQM-I (plastic)	
BXJ8050-20/6B1	B1		2 x M20 x 1.5 DQM-I (plastic) 1 stopping rod	0.70
BXJ8050-20/6B2	B2		2 x M25 x 1.5 DQM-I (plastic) 1 stopping rod	
BXJ8050-20/6C1	C1		3 x M20 x 1.5 DQM-I (plastic) 2 stopping rods	0.70
BXJ8050-20/6C2	C2		3 x M25 x 1.5 DQM-I (plastic) 2 stopping rods	
BXJ8050-20/6D1	D1		4 x M20 x 1.5 DQM-I (plastic) 3 stopping rods	0.75
BXJ8050-20/6D2	D2		4 x M25 x 1.5 DQM-I (plastic) 3 stopping rods	
BXJ8050-20/6E1	E1		2 x M20 x 1.5 DQM-I (plastic) 1 stopping rod	0.70
BXJ8050-20/6E2	E2		2 x M25 x 1.5 DQM-I (plastic) 1 stopping rod	
BXJ8050-20/6F1	F1		4 x M20 x 1.5 DQM-I (plastic) 3 stopping rods	0.75
BXJ8050-20/6F2	F2		4 x M25 x 1.5 DQM-I (plastic) 3 stopping rods	
BXJ8050-20/6G1	G1		5 x M20 x 1.5 DQM-I (plastic) 4 stopping rods	0.75
BXJ8050-20/6G2	G2		5 x M25 x 1.5 DQM-I (plastic) 4 stopping rods	
BXJ8050-20/6H1	H1		6 x M20 x 1.5 DQM-I (plastic) 5 stopping rods	0.75
BXJ8050-20/6H2	H2		6 x M25 x 1.5 DQM-I (plastic) 5 stopping rods	
BXJ8050-20/6I1	I1		7 x M20 x 1.5 DQM-I (plastic) 6 stopping rods	0.80
BXJ8050-20/6I2	I2		7 x M25 x 1.5 DQM-I (plastic) 6 stopping rods	

Terminals

Description	Illustration	Max. Current	Ordering code	Weight (kg)
Stud terminal		20A	30010	0.15

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