

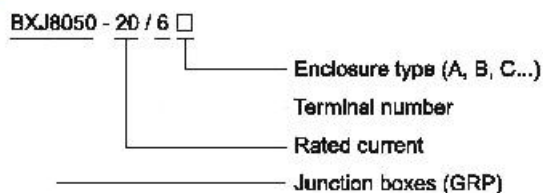


Junction Boxes

BXJ8050-20/6 Series Junction Boxes (Ex e)

- ◆ 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	<ul style="list-style-type: none"> Gas explosion protection Dust explosion protection 	<ul style="list-style-type: none"> Ex II 2 G Ex e II T6 Ex tD A21 T80°C IP65
Certificates	<ul style="list-style-type: none"> For gas explosion protection For dust explosion protection 	<ul style="list-style-type: none"> PTB 06 ATEX 1013; IECEx CQM 07.0013; BR229793-X (Brazil) PCEC (China)
Conformity to standards		<ul style="list-style-type: none"> EN 50014:1997+A1+A2, EN 50019:2000 IEC 60079-0:2004, IEC 60079-7:2001, IEC 61241-0:2004, IEC 61241-1:2004
Enclosure material		GRP (glass fibre-reinforced polyester resin)
Terminal		8 stud terminals
Cable cross section		0.2~4mm ²
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

Selection table

Type/Ordering code	Schematic diagram	Cable gland	Weight (kg)
BXJ8050-20/6A	Type A 	1 x M25 x 1.5 DQM-I (plastic)	0.65
BXJ8050-20/6B	Type B 	2 x M25 x 1.5 DQM-I (plastic) 1 stopping rod	0.70
BXJ8050-20/6C	Type C 	3 x M25 x 1.5 DQM-I (plastic) 2 stopping rods	0.70
BXJ8050-20/6D	Type D 	4 x M25 x 1.5 DQM-I (plastic) 3 stopping rods	0.75
BXJ8050-20/6E	Type E 	2 x M25 x 1.5 DQM-I (plastic) 1 stopping rod	0.70
BXJ8050-20/6F	Type F 	4 x M25 x 1.5 DQM-I (plastic) 3 stopping rods	0.75
BXJ8050-20/6G	Type G 	5 x M25 x 1.5 DQM-I (plastic) 4 stopping rods	0.75
BXJ8050-20/6H	Type H 	6 x M25 x 1.5 DQM-I (plastic) 5 stopping rods	0.75
BXJ8050-20/6I	Type I 	7 x M25 x 1.5 DQM-I (plastic) 6 stopping rods	0.80



Terminals

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

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

