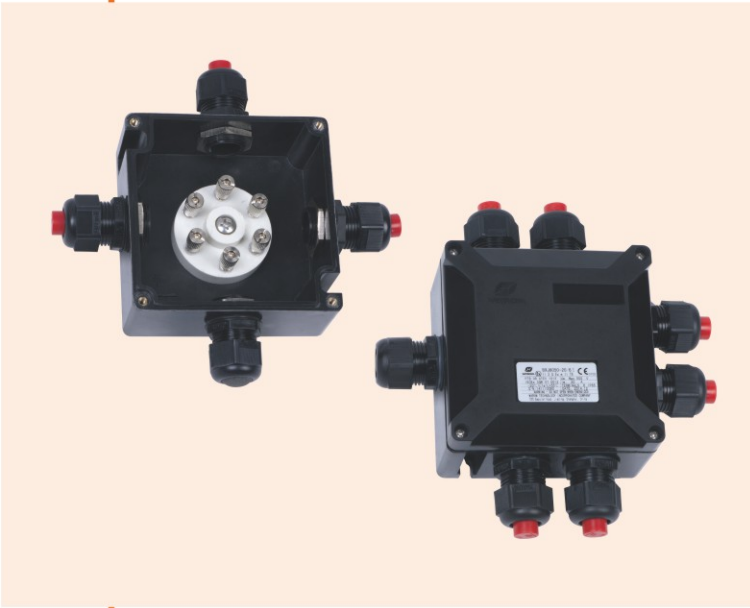


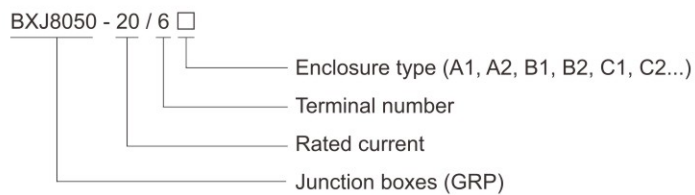
## Terminal Boxes

### BXJ8050-20/6 Series Junction Boxes



- ◆ Explosion protection to
  - CENELEC
  - IEC
  - NEC
- ◆ Can be used in
  - Zone 1 and Zone 2
  - 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	⊕ 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

0.2~4mm<sup>2</sup>

##### 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


## Terminal Boxes

### BXJ8050-20/6 Series Junction Boxes

#### Selection table

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

