

Distribution Boxes and Empty Enclosures

Components for Distribution Boxes

BZJ8060 Series Explosion-proof Middle Relay Modules

- ◆ 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
- ◆ Product of flame-proof structure; the cavity is of engineering plastic embedded with high strength metal frame structure; with strong corrosion-resistance capacity and reliable performance.
- ◆ Built-in Omron middle relay.



Catalogue number logic



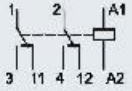
Technical data

Explosion-proof middle relay modules BZJ8060 - □ / □

Explosion protection	⊕ II 2 G Ex de IIC Gb
Certificates	DNV 13 ATEX____; IECEx; PCEC (China)
Conformity to standards	EN 60079-0:2009, EN 60079-1:2007, EN 60079-7:2007 IEC 60079-0:2011, IEC 60079-1:2007, IEC 60079-7:2006
Enclosure material	GRP (glass fibre-reinforced polyester resin, embedded with metal frame)
Rated voltage	250V AC
Coil voltage	6V, 12V, 24V, 50V, 100/110V, 110/120V, 200/220V, 220/240V AC
Rated current	5A
Contact	2NO+2NC
Operation frequency	1800 times/h
Mechanical life	4,000,000 times
Electrical life	4,000,000 times
Ambient temperature	-20℃→+60℃

Zones 1&2; 21&22

Selection table

Type	Rated voltage of contact (V)	Rated current (A)	Coil voltage (V)	Number of contact	Schematic diagram
BZJ8060 - 6	250	5	6	2NO+2NC	
BZJ8060 - 12			12		
BZJ8060 - 24			24		
BZJ8060 - 50			50		
BZJ8060 - 110			110		
BZJ8060 - 120			120		
BZJ8060 - 220			220		
BZJ8060 - 240			240		

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

