Explosion-proof lighting switch typed BZM */*



Ex marking: Ex db IIC T6 Gb
Ex tb IIIC T80°C Db

Application

- Can be used in Zone 1 and Zone 2, group IIA, IIB, and IIC explosive gas mixture atmosphere; Zone 21 and Zone 22, group IIIA, IIIB, and IIIC flammable dust atmosphere;
- Applicable to ambient temperature: -40°C~+55°C;
- Applicable to relative air humidity: ⩽95% (25°C);
- Applicable to explosive gas mixture temperature groups: T1~T6.

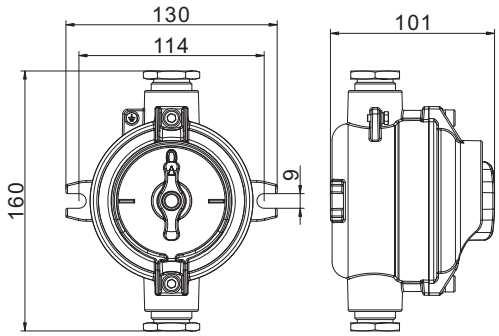
Technical Parameters

- Rated voltage: 220V/230V/250V; 50Hz
- Rated current: 10A/16A/20A;
- Explosion-proof mark: Ex db IIC T6 Gb/Ex tb IIIC T80°C Db;
- Protection level: IP66;
- Product material: aluminum alloy;
- Cable entry thread: G3/4", M25×1.5, NPT3/4";
- Suitable cable outer diameter: ϕ10~ϕ14;
- Executive standards: EN IEC 60079-0, EN 60079-1, EN 60079-31, IEC 60079-0, IEC 60079-1, IEC 60079-31, GB/T 3836.1, GB/T 3836.2
- **Explosion proof certificate: ATEX, IECEX, CNEX.**

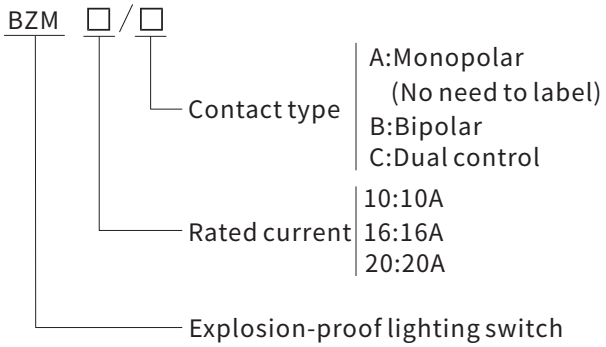
Ordering number

- Example: BZM-10: Rated current 10A, Monopolar
  BZM-16/B: Rated current 16A, Bipolar

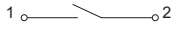
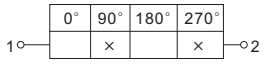
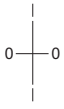
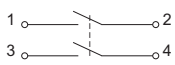
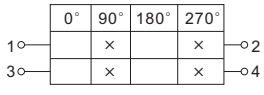
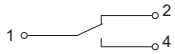
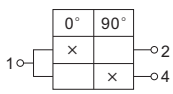
Drawing of dimension (Dimensions in mm)



Model number



Product selection table

Model specifications	Rated current(A)	Number of poles	Contact combination type	Equivalent switch	Panel position	Explosion -proof level
BZM 10/A	10	Mono-polar				II C, IIIC
BZM 16/A	16					
BZM 20/A	20					
BZM 10/B	10	Bipolar				II C, IIIC
BZM 16/B	16					
BZM 20/B	20					
BZM 10/C	10	Dual control				II C, IIIC
BZM 16/C	16					
BZM 20/C	20					