



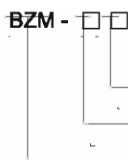
Installation Switches

BZM Series Explosion-proof Illumination

Switches

- ◆ Explosion protection to
 - GENELEC
 - 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 1, Groups A, B, C, D
- ◆ Copper-free aluminium enclosure; powder coated surface
- ◆ Two options:
 - On-off switch
 - Changeover switch

Catalogue number logic



- Switch type (B: on-off switch D: changeover switch)
- Rated current (A)
- Explosion-proof illumination switches



Selection table

Type/Ordering code	Chart of contact	Corresponding switch	Weight (kg)
BZM-16B			0.85
BZM-25B			0.95
BZM-16D			0.85
BZM-25D			0.95

Zones 1&2; 21&22

Technical data

Explosion-proof illumination switches BZM-□□

Explosion protection

Gas explosion protection

⊕ II 2 G Ex d IIC T6 Gb

Dust explosion protection

⊕ II 2 D Ex tb IIIC T80°C Db IP65

Certificates

LCIE 06 ATEX 6068; IECEX LCI 08. 0008; FM (USA)

Conformity to standards

EN 60079-0:2009, EN 60079-1:2007, EN 60079-31:2009
 IEC 60079-0:2011, IEC 60079-1:2007, IEC 60079-31:2008

Enclosure material

Copper-free aluminium; powder coated surface

Enclosure colour

Window grey (RAL7040)

Switch function

On-off switch or changeover switch

Exposed fastener

Stainless steel

Rated voltage

Max. 250V AC

Rated current

16A, 25A

Degree of protection

IP65

Ambient temperature

-20°C~+55°C

Cable connection

3 x (2.5~4)mm²

Cable entries

Standard 2 x M25 x 1.5 plug
 2 x G3/4" plug or 2 x NPT3/4" plug on request

Cable gland(optional)

DQM-II (Ex d) or DQM-III (Ex d) is recommended. Please see P7/20~25.

Spare parts

Switch type Built-in switch	Rated voltage/current	Drawing code Ordering code	Weight (kg)
	250V/16A	30001	0.10
	250V/25A	30002	0.20
	250V/16A	30003	0.10
	250V/25A	30004	0.20

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

