



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 1, Groups A, B, C, D

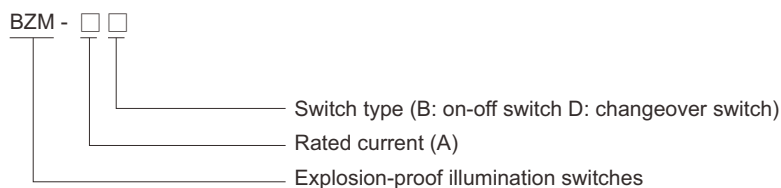
Copper-free Aluminium Alloy enclosure, powder coated surface.

Two options:

- On-off switch

- Changeover switch

- **Catalogue number logic**



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

Installation Switches

BZM Series Explosion-proof Illumination Switches

Technical data

Explosion-proof illumination switches BZM-□□

Explosion protection

Global (IECEX)	IECEX LCI 08. 0008X
Gas and dust	Ex db IIC T6 Gb
	Ex tb IIIC T80 Db
Europe (ATEX)	LCIE 06 ATEX 6068X
Gas and dust	Ⓔ II 2 G Ex db IIC T6 Gb
	Ⓔ II 2 D Ex tb IIIC T80 Db

Certificates

IECEX; ATEX; CU-TR

Conformity to standards

EN 60079-0, EN 60079-1, EN 60079-31

IEC 60079-0, IEC 60079-1, IEC 60079-31

Enclosure material

Copper-free Aluminium Alloy, 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

IP66

Ambient temperature

-60 ~+60

Internal&external earthing

M4/M5

Cable connection

3 x (2.5~4)mm²

Cable entries

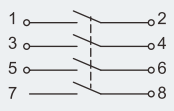
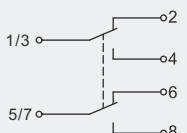
Standard 2 x M25 x 1.5 plugs

2 x NPT3/4" plugs on request

Cable gland(optional)

DQM-II (Ex d) or DQM-III (Ex d) is recommended. Please see P7/22~31.

Spare parts

Built-in switch	Rated voltage/current	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

