

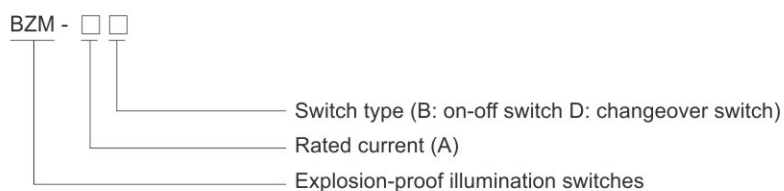
Installation Switches

BZM Series Explosion-proof Illumination Switches

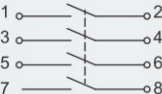
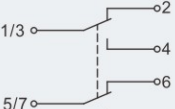


- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
 - Class I, Zone 1 and Zone 2
 - Class I, Division 1, Groups A, B, C, D
- ◆ Copper-free Aluminium Alloy enclosure, powder coated surface.
- ◆ Two options:
 - On-off switch
 - Changeover switch

Catalogue number logic



Selection table

Type/Ordering code	Chart of contact	Corresponding switch	Weight (kg)																																		
BZM-16B	<table><tr><td></td><td>0</td><td>I</td><td>0</td><td>I</td></tr><tr><td></td><td>0°</td><td>90°</td><td>180°</td><td>270°</td></tr><tr><td>1↯</td><td></td><td>x</td><td></td><td>x</td><td>↯2</td></tr><tr><td>3↯</td><td></td><td>x</td><td></td><td>x</td><td>↯4</td></tr><tr><td>5↯</td><td></td><td>x</td><td></td><td>x</td><td>↯6</td></tr><tr><td>7↯</td><td></td><td>x</td><td></td><td>x</td><td>↯8</td></tr></table>		0	I	0	I		0°	90°	180°	270°	1↯		x		x	↯2	3↯		x		x	↯4	5↯		x		x	↯6	7↯		x		x	↯8		0.85
	0	I	0	I																																	
	0°	90°	180°	270°																																	
1↯		x		x	↯2																																
3↯		x		x	↯4																																
5↯		x		x	↯6																																
7↯		x		x	↯8																																
BZM-25B			0.95																																		
BZM-16D	<table><tr><td></td><td>0</td><td>I</td></tr><tr><td></td><td>0°</td><td>90°</td></tr><tr><td>1/3↯</td><td>x</td><td></td><td>↯2</td></tr><tr><td></td><td></td><td>x</td><td>↯4</td></tr><tr><td>5/7↯</td><td>x</td><td></td><td>↯6</td></tr><tr><td></td><td></td><td>x</td><td>↯8</td></tr></table>		0	I		0°	90°	1/3↯	x		↯2			x	↯4	5/7↯	x		↯6			x	↯8		0.85												
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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°C Db

Europe (ATEX)

LCIE 06 ATEX 6068X

Gas and dust

Ex II 2 G Ex db IIC T6 Gb

Ex II 2 D Ex tb IIIC T80°C 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°C~+60°C

Internal&external earthing

M4/M5

Cable connection

3 x (2.5~4)mm²

Cable entries

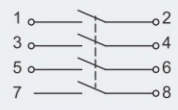
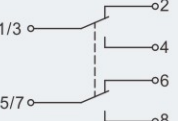
Standard 2 x M25 x 1.5 plugs

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

