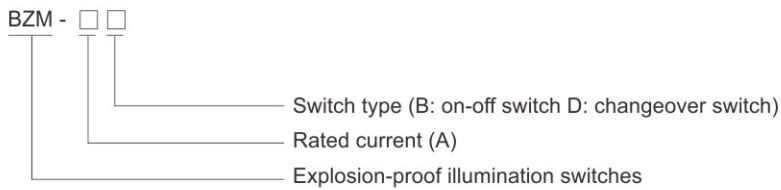


## Installation Switches BZM Series Explosion-proof Illumination Switches



- ◆ 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 border="1"> <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> </tr> <tr> <td>3°</td> <td></td> <td></td> <td>x</td> <td></td> </tr> <tr> <td>5°</td> <td></td> <td>x</td> <td></td> <td>x</td> </tr> <tr> <td>7°</td> <td></td> <td></td> <td>x</td> <td></td> </tr> </table>		0	I	0	I		0°	90°	180°	270°	1°		x		x	3°			x		5°		x		x	7°			x			0.85
	0	I	0	I																													
	0°	90°	180°	270°																													
1°		x		x																													
3°			x																														
5°		x		x																													
7°			x																														
BZM-25B	<table border="1"> <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> </tr> <tr> <td>3°</td> <td></td> <td></td> <td>x</td> <td></td> </tr> <tr> <td>5°</td> <td></td> <td>x</td> <td></td> <td>x</td> </tr> <tr> <td>7°</td> <td></td> <td></td> <td>x</td> <td></td> </tr> </table>		0	I	0	I		0°	90°	180°	270°	1°		x		x	3°			x		5°		x		x	7°			x			0.95
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5°		x		x																													
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	0	I																															
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1/3°		x																															
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BZM-25D	<table border="1"> <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></td> <td>x</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>x</td> </tr> </table>		0	I		0°	90°	1/3°		x						x		0.95															
	0	I																															
	0°	90°																															
1/3°		x																															
		x																															

# 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. 0008

Gas and dust Ex d IIC T6 Gb  
Ex tb IIIC T80°C Db

Europe (ATEX) LCIE 06 ATEX 6068

Gas and dust  II 2 G Ex d IIC T6 Gb

 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)mm<sup>2</sup>

##### Cable entries

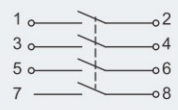

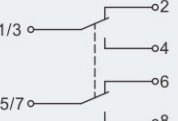

Standard 2 x M25 x 1.5 plugs

2 x NPT3/4" plugs on request

##### Cable gland(optional)

DQM-II (Ex d) or DQM-III (Ex d) is recommended. Please see P7/20~29.

### 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

