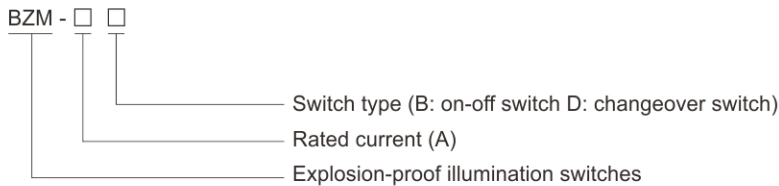


Installation Switches BZM Series Explosion-proof Illumination Switches



- ◆ 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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	0	I																															
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1/3		x																															
		x																															
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. 0008X
Gas and dust	Ex db IIC T6 Gb Ex tb IIIC T80°C 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°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×(2.5~4)mm²

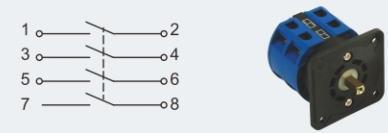

Cable entries

Standard 2×M25×1.5 plugs
2×NPT3/4" plugs on request

Cable gland(optional)

DQM-II (Ex d) or DQM-III (Ex d) is recommended. Please see P6/24~39.

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

