

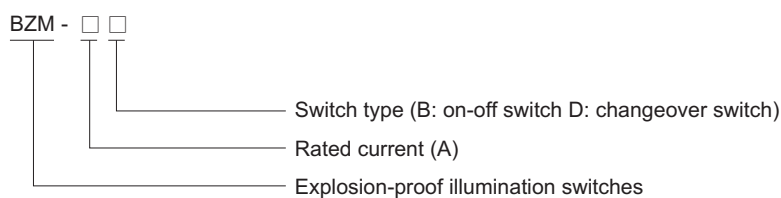


Installation Switches

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 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>x</td> <td></td> <td>x</td> </tr> <tr> <td>5○</td> <td></td> <td>x</td> <td></td> <td>x</td> </tr> <tr> <td>7○</td> <td></td> <td>x</td> <td></td> <td>x</td> </tr> </table>		0	I	0	I		0°	90°	180°	270°	1○		x		x	3○		x		x	5○		x		x	7○		x		x		0.85
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1○		x																															
3○		x																															

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

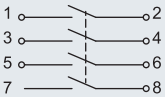

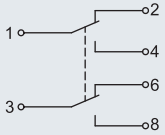

Standard 2 x M25 x 1.5 plug

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

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

