



EX-I-BS655-Z22

- Ex-Zone 1 and 21
- Metal enclosure
- Protection class IP66, IP67
- Platform concept with different function units
- Lever angle adjustable in 10° steps

Data

Ordering data

Product type description	EX-I-BS655-Z22
Article number (order number)	153031631
eCl@ss number, version 12.0	27-27-26-01
eCl@ss number, version 11.0	27-27-26-01
eCl@ss number, version 9.0	27-27-26-01
ETIM number, version 7.0	EC000030
ETIM number, version 6.0	EC000030

Approvals - Standards

Certificates	ATEX
	IECEX

Explosion protection

Explosion protection: regulations	EN IEC 60079-0
	EN 60079-11
	EN 60079-31
Explosion protection zones	21
	1
Explosion protection category	2G

Explosion protection

2D

Explosion protection designation

 II 2G Ex ib IIC Gb

 II 2D Ex ib IIIC Db

 II 2D Ex tb IIIC T80°C Db

General data

Standards

EN IEC 60947-5-1

Housing material

Grey cast iron, painted

Material of the housing cover

Grey cast iron, painted

Gross weight

6,130 g

General data - Features

Safety functions

Yes

Number of auxiliary contacts

2

Number of safety contacts

2

Safety classification

Standards

EN ISO 13849-1

Mission time

20 Year(s)

Safety classification - Safety outputs

B10D Normally-closed contact (NC)

1,000,000 Operations

Mechanical data

Mechanical lifetime, minimum

1,000,000 Operations

Mechanical data - Connection technique

Cable entry

2 x M25 x 1.5

Termination

Cage clamp

Cable section, minimum

0.5 mm²

Cable section, maximum

2.5 mm²

Ambient conditions

IP Degree of protection

IP66

Ambient conditions

	IP67
Ambient temperature	-25 ... +70 °C
Protection class	I

Ambient conditions - Insulation values

Rated insulation voltage Ui	300 V
Rated impulse withstand voltage Uimp	4 kV
Degree of pollution	3

Electrical data

Thermal test current	6 A
Utilisation category AC-15	230 VAC
Utilisation category AC-15	3 A
Utilisation category DC-13	24 VDC
Utilisation category DC-13	3 A
Switching element	2 NO contact, 2 NC contacts
Switching principle	Snap action
Material of the contacts, electrical	Silver

Pictures

Product picture (catalogue individual photo)



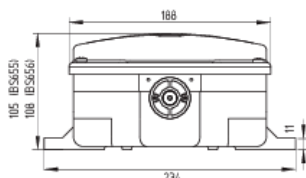
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[| 44.21 KB | .jpg | 350 x 197 Pixel](#)

[| 39.1 KB | .png | 210 x 118 Pixel](#)

Dimensional drawing basic component

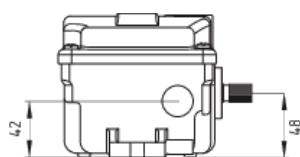


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[| 3.52 KB | .png | 210 x 125 Pixel](#)

Dimensional drawing basic component

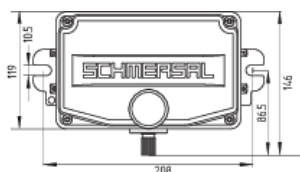


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Dimensional drawing basic component

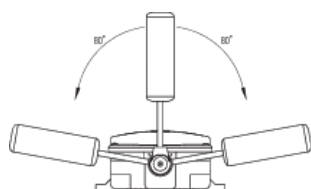


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Assembly example



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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

Generated on: 26/08/2026, 09:47