



EX-BS655-T22

- 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-BS655-T22
Article number (order number)	153045274
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 60079-7
	EN 60079-31
	EN 60079-1
Explosion protection zones	21

Explosion protection

	1
Explosion protection category	2G
	2D
Explosion protection designation	⚡ II 2D Ex tb IIIC T85°C Db
	⚡ II 2G Ex d e IIC T6 Gb

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	6,005 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
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Mechanical data

Mechanical lifetime, minimum	1,000,000 Operations
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Mechanical data - Connection technique

Cable entry	2 x M25 x 1.5
Termination	Screw terminals
Cable section, minimum	0.75 mm ²
Cable section, maximum	2.5 mm ²

Ambient conditions

IP Degree of protection	IP66
	IP67
Ambient temperature	-25 ... +65 °C
Protection class	I

Ambient conditions - Insulation values

Rated insulation voltage U_i	300 V
Rated impulse withstand voltage U_{imp}	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	Slow action
Material of the contacts, electrical	Silver

Pictures

Product picture (catalogue individual photo)



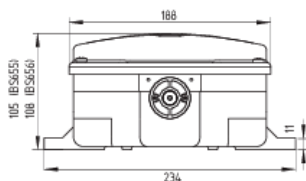
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[| 47.95 KB | .jpg | 350 x 197 Pixel](#)

[| 28.62 KB | .png | 210 x 118 Pixel](#)

Dimensional drawing basic component

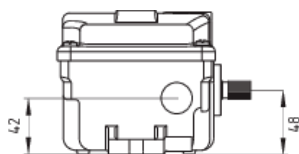


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[| 3.52 KB | .png | 210 x 125 Pixel](#)

Dimensional drawing basic component

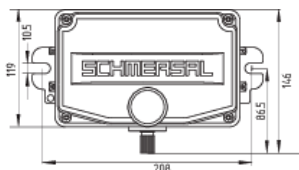


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Dimensional drawing basic component

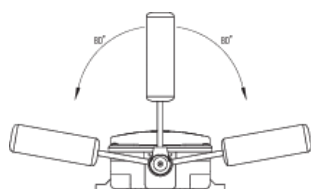


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Assembly example



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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.

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