



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
EAN (European Article Number)	4030661535975
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 IEC Ex NEPSI
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Explosion protection

Explosion protection: regulations	EN IEC 60079-0 EN 60079-11 EN 60079-31
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Explosion protection zones	1 21
Explosion protection category	2G 2D
Explosion protection designation	Ex II 2D Ex tb IIIC T80°C Db Ex II 2G Ex ib IIC Gb Ex II 2D Ex ib IIIC 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

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

B _{10D} Normally-closed contact (NC)	1,000,000 Operations
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Mechanical data

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

Cable entry	2 x M25 x 1.5
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Termination	Cage clamp
Cable section, minimum	0.5 mm ²
Cable section, maximum	2.5 mm ²

Ambient conditions

Degree of protection	IP66 IP67
Ambient temperature	-25 ... +70 °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 principle	Snap action
Material of the contacts, electrical	Silver

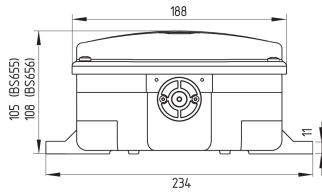
Pictures

Product picture (catalogue individual photo)



ID: kxhdsf02
 | 292.5 kB | .jpg | 352.778 x 198.967 mm - 1000 x 564 px - 72 dpi
 | 29.3 kB | .png | 74.083 x 41.628 mm - 210 x 118 px - 72 dpi
 | 51.3 kB | .jpg | 123.472 x 69.497 mm - 350 x 197 px - 72 dpi

Dimensional drawing basic component

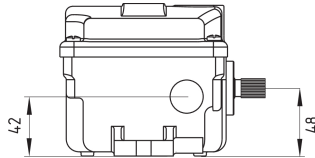


ID: kbs65g01

| 3.5 kB | .png | 74.083 x 44.097 mm - 210 x 125 px - 72 dpi

| 98.3 kB | .jpg | 352.778 x 209.55 mm - 1000 x 594 px - 72 dpi

Dimensional drawing basic component



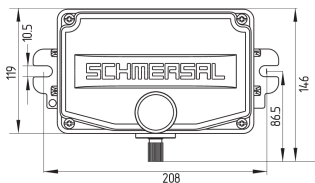
ID: kbs65g02

| 71.6 kB | .jpg | 352.778 x 167.922 mm - 1000 x 476 px - 72 dpi

| 2.9 kB | .png | 74.083 x 35.278 mm - 210 x 100 px - 72 dpi

| 5.5 kB | .jpg | 89.253 x 42.686 mm - 253 x 121 px - 72 dpi

Dimensional drawing basic component



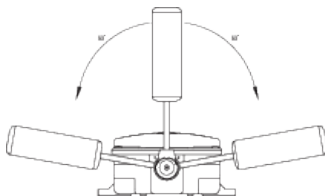
ID: kbs65g03

| 127.4 kB | .jpg | 352.778 x 195.439 mm - 1000 x 554 px - 72 dpi

| 4.7 kB | .png | 74.083 x 40.922 mm - 210 x 116 px - 72 dpi

| 11.9 kB | .jpg | 115.711 x 63.853 mm - 328 x 181 px - 72 dpi

Assembly example



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| 3.4 kB | .png | 74.083 x 43.392 mm - 210 x 123 px - 72 dpi

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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: 31/07/2024, 07:59