



BS655-Z22-DN

- Platform concept with different function units
- Metal enclosure
- Wide range of alternative actuators
- Protection class IP66, IP67
- Switching point setting
- Symmetry thanks to toothed, centrally located shaft
- Central connection terminal

Data

Ordering data

Product type description	BS655-Z22-DN
Article number (order number)	153031627
EAN (European Article Number)	4030661533087
eCl@ss number, version 12.0	27-27-06-01
eCl@ss number, version 11.0	27-27-06-01
eCl@ss number, version 9.0	27-27-06-01
ETIM number, version 7.0	EC000030
ETIM number, version 6.0	EC000030

Approvals - Standards

Certificates

TÜV
cULus
CCC

General data

Standards	EN 620 EN IEC 60947-5-1
Enclosure material	Grey cast iron, painted
Material of the contacts, electrical	Silver
Material of the housing cover	Grey cast iron, painted
Gross weight	6,075 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)	2,000,000 Operations
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Mechanical data

Mechanical life, minimum	1,000,000 Operations
Positionierschritte für den Betätiger	10 °

Mechanical data - Connection technique

Cable entry	2 x M25 x 1.5
Cable section, minimum	0.5 mm ² , flexible

Cable section, maximum

2.5 mm², flexible

Ambient conditions

Degree of protection	IP67 IP66
Ambient temperature, minimum	-40 °C
Ambient temperature, maximum	+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 to IEC/EN 60947-1	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

Electrical data - Communication protocols

Field bus	Dupline
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Electrical data - Dupline

Operating voltage	8.2 VDC
Current consumption	0.1 mA

Rated impulse withstand voltage U_{imp}	0.8 kV
Cable section, minimum	0.2 mm ² , rigid 0.25 mm ² , flexible
Cable section, maximum	2.5 mm ² , flexible 4 mm ² , rigid

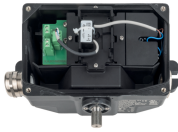
Ordering code

Product type description:
BS65(1)(2)(3)(4)

(1)	
215	Grey cast iron, painted
6	thermosetting resin
(2)	
Z22	Snap action 2 NO contact / 2 NC contact
T22	Slow action, 2 NO contacts / 2 NC contacts
Z33	Snap action, 3 NO contacts / 3 NC contacts
T33	Slow action, 3 NO contacts / 3 NC contacts
(3)	
without	without indicator lamp
G024	Indicator lamp (only for Z/T22), red (24 VDC)
G115	Indicator lamp (only for Z/T22), red (115 VAC)
G230	Indicator lamp (only for Z/T22), red (230 VAC)
(4)	
without	Standard version (without Dupline® input module)
DN	With integrated Dupline® input module

Pictures

Product picture (catalogue individual photo)

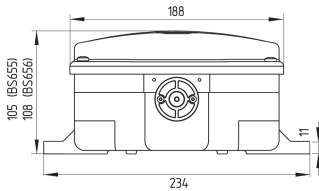


ID: khds-f22

| 157.5 kB | .jpg | 352.778 x 235.303 mm - 1000 x 667 px - 72 dpi

| 15.4 kB | .png | 74.083 x 49.389 mm - 210 x 140 px - 72 dpi

Dimensional drawing basic component

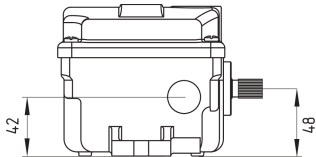


ID: kbs65g01

| 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



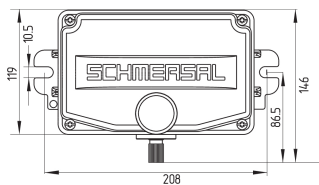
ID: kbs65g02

| 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

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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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