



## BS656-Z22-DN

- Platform concept with different function units
- Thermoplastic 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	BS656-Z22-DN
Article number (order number)	153031628
EAN (European Article Number)	4030661536316
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
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## General data

Standards	EN 620 EN IEC 60947-5-1
Enclosure material	thermosetting resin
Material of the contacts, electrical	Silver
Material of the housing cover	thermosetting resin
Gross weight	2,680 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 <sub>10D</sub> 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

Termination	Spring pulley connection
Cable entry	2 x M25 x 1.5

Cable section, minimum	0.5 mm <sup>2</sup> , flexible
Cable section, maximum	2.5 mm <sup>2</sup> , flexible

### Ambient conditions

Degree of protection	IP67 IP66
Ambient temperature, minimum	-40 °C
Ambient temperature, maximum	+70 °C
Protection class	II

### 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 - 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 <sup>2</sup> , rigid 0.25 mm <sup>2</sup> , flexible

Cable section, maximum

2.5 mm<sup>2</sup>, flexible

4 mm<sup>2</sup>, rigid

## Ordering code

Product type description:

BS65(1)(2)(3)(4)

(1)

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<b>215</b>	Grey cast iron, painted
<b>6</b>	thermosetting resin

(2)

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<b>Z22</b>	Snap action 2 NO contact / 2 NC contact
<b>T22</b>	Slow action, 2 NO contacts / 2 NC contacts
<b>Z33</b>	Snap action, 3 NO contacts / 3 NC contacts
<b>T33</b>	Slow action, 3 NO contacts / 3 NC contacts

(3)

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<b>without</b>	without indicator lamp
<b>G024</b>	Indicator lamp (only for Z/T22), red (24 VDC)
<b>G115</b>	Indicator lamp (only for Z/T22), red (115 VAC)
<b>G230</b>	Indicator lamp (only for Z/T22), red (230 VAC)

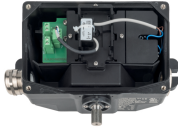
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<b>without</b>	Standard version (without Dupline® input module)
<b>DN</b>	With integrated Dupline® input module

## Pictures

**Product picture (catalogue individual photo)**

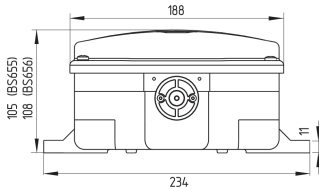


ID: khds-f22

| 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

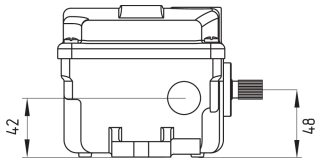


ID: kbs65g01

| 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



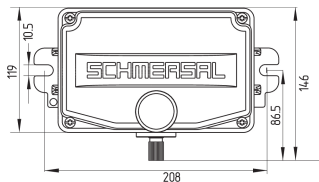
ID: kbs65g02

| 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

Schmersal, Inc., 15 Skyline Drive, Hawthorne, NY 10532

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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