



## BS655-T22

- 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-T22
Article number (order number)	153031629
EAN (European Article Number)	4030661533094
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	Grey cast iron, painted
Material of the contacts, electrical	Silver
Material of the housing cover	Grey cast iron, painted
Gross weight	6,110 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

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	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
Switching principle	Slow action

### Ordering code

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

(1)

**215**

Grey cast iron, painted

**6**

thermosetting resin

(2)

<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)

<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)

(4)

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

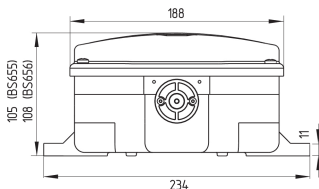
## Pictures

### Product picture (catalogue individual photo)



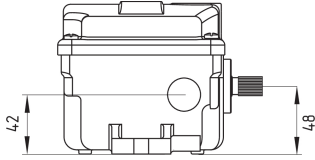
ID: khds-f01  
| 262.5 kB | .jpg | 352.778 x 235.303 mm - 1000 x 667 px - 72 dpi  
| 22.0 kB | .png | 74.083 x 49.389 mm - 210 x 140 px - 72 dpi

### 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



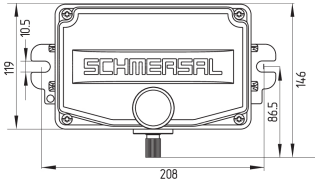
ID: kbs65g02

| 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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