

BS655-Z22-DN



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

Data

Ordering data

Product type description	BS655-Z22-DN
Article number (order number)	153031627
EAN (European Article Number)	4030661533087

Approval - Standards

Certificates	TÜV cULus CCC CNCA
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General data

Standards	IEC 60947-5-1 EN 620
Enclosure material	Grey cast iron, painted
Material of the contacts, electrical	Silver
Material of the cover	Grey cast iron, painted
Gross weight	6,075 g

General data - Features

Number of auxiliary contacts	2
Number of safety contacts	2

Safety appraisal

Standards	ISO 13849-1
Mission Time	20 Year(s)

Safety appraisal - Safety outputs

B10d 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 mm ² , flexible

Ambient conditions

Degree of protection	IP66 to IEC 60529 IP67 to IEC 60529
Ambient temperature, minimum	-40 °C
Ambient temperature, maximum	+70 °C
Protection rating	I

Ambient conditions - Insulation value

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
Operating current	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)

5 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

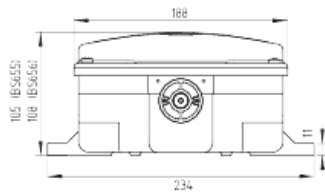
| 15,4 kB | .png | 74.083 x 49.389 mm - 210 x 140

Pixel - 72 dpi

| 157,5 kB | .jpg | 352.778 x 235.303 mm - 1000 x 667

Pixel - 72 dpi

Dimensional drawing basic component



ID: kbs65g01

| 98,3 kB | .jpg | 352.778 x 209.55 mm - 1000 x 594
Pixel - 72 dpi
| 3,5 kB | .png | 74.083 x 44.097 mm - 210 x 125 Pixel
- 72 dpi

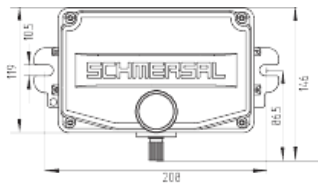
Dimensional drawing basic component



ID: kbs65g02

| 71,6 kB | .jpg | 352.778 x 167.922 mm - 1000 x 476
Pixel - 72 dpi
| 5,5 kB | .jpg | 89.253 x 42.686 mm - 253 x 121 Pixel -
72 dpi
| 2,9 kB | .png | 74.083 x 35.278 mm - 210 x 100 Pixel
- 72 dpi

Dimensional drawing basic component



ID: kbs65g03

| 11,9 kB | .jpg | 115.711 x 63.853 mm - 328 x 181
Pixel - 72 dpi
| 4,7 kB | .png | 74.083 x 40.922 mm - 210 x 116 Pixel
- 72 dpi
| 127,4 kB | .jpg | 352.778 x 195.439 mm - 1000 x 554
Pixel - 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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