



## RS656-Z22-DS

- Thermoplastic enclosure
- wire pull and breakage detection
- Protection class IP66, IP67
- Central connection terminal
- Mechanical switching position indication
- two-side operation / wire up to 2 x 100 m

## Data

### Ordering data

Product type description	RS656-Z22-DS
Article number (order number)	153031619
EAN (European Article Number)	4030661533032
eCl@ss number, version 12.0	27-37-12-01
eCl@ss number, version 11.0	27-37-12-01
eCl@ss number, version 9.0	27-37-12-01
ETIM number, version 7.0	EC002033
ETIM number, version 6.0	EC002033

### Approvals - Standards

Certificates	IFA cULus CCC EAC
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### General data

Standards	EN 620 EN ISO 13850 EN IEC 60947-5-1 EN IEC 60947-5-5
Housing material	thermosetting resin
Material of the housing cover	thermosetting resin
Length of the wire, maximum	100 m
Gross weight	2,830 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)	100,000 Operations
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### Mechanical data

Actuating element	Roller lever N300
Mechanical life, minimum	100,000 Operations
Actuation direction	Each time 75° right-hand side and left-hand side rotation

### Mechanical data - Connection technique

Cable entry	2 x M25 x 1.5
Termination	Cage clamp
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	IP66 IP67
Ambient temperature	-40 ... +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	3

## Electrical data

Thermal test current	6 A
Rated operating voltage	230 VAC
Rated operating voltage	24 VDC
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

## Electrical data - Communication protocols

DuplineSafe

## Electrical data - Dupline

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
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### Electrical data - DuplineSafe

Rated operating voltage	8.4 VDC
Current consumption	1 mA

### Other data

Note (applications)	Pull-wire emergency stop switches
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### Ordering code

Product type description:  
RS65(1)-Z22-(2)-(3)

(1)

<b>5</b>	Grey cast iron, painted
<b>6</b>	thermosetting resin

(2)

<b>G024</b>	Indicator lamp 24 VDC, red
<b>G115</b>	Indicator lamp 115 VAC, red
<b>G230</b>	Indicator lamp 230 VAC, red

(3)

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

## Pictures

**Product picture (catalogue individual photo)**



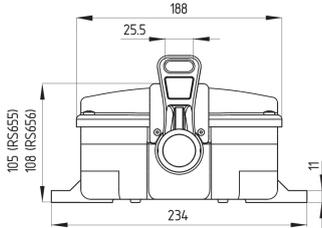
ID: krs65f06

| 173.6 kB | .jpg | 352.778 x 235.303 mm - 1000 x 667 px - 72 dpi

| 16.2 kB | .png | 74.083 x 49.389 mm - 210 x 140 px - 72 dpi

| 25.9 kB | .jpg | 123.472 x 82.197 mm - 350 x 233 px - 72 dpi

## Dimensional drawing basic component

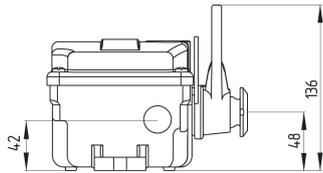


ID: Krs65g01

| 4.4 kB | .png | 74.083 x 53.975 mm - 210 x 153 px - 72 dpi

| 121.8 kB | .jpg | 352.778 x 256.117 mm - 1000 x 726 px - 72 dpi

## Dimensional drawing basic component

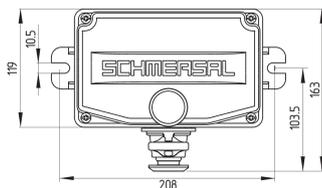


ID: Krs65g02

| 3.4 kB | .png | 74.083 x 38.453 mm - 210 x 109 px - 72 dpi

| 82.8 kB | .jpg | 352.778 x 183.092 mm - 1000 x 519 px - 72 dpi

## Dimensional drawing basic component



ID: Krs65g03

| 4.8 kB | .png | 74.083 x 42.333 mm - 210 x 120 px - 72 dpi

| 131.6 kB | .jpg | 352.778 x 201.436 mm - 1000 x 571 px - 72 dpi

## Assembly example



ID: Krs655m05-

| 33.8 kB | .jpg | 352.778 x 35.278 mm - 1000 x 100 px - 72 dpi

Schmersal India Pvt. Ltd., Plot No - G-7/1, Ranjangaon MIDC, Tal. - Shirur, Dist.- Pune 412 220

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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