



RS655-Z22-DS

- Metal 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	RS655-Z22-DS
Article number (order number)	153031618
EAN (European Article Number)	4030661532950
eCl@ss number, version 9.0	27-37-12-01
eCl@ss number, version 11.0	27-37-12-01
eCl@ss number, version 12.0	27-37-12-01
ETIM number, version 7.0	EC002026
ETIM number, version 6.0	EC002026

Approvals - Standards

Certificates	TÜV cULus CCC
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General data

Standards	EN IEC 60947-5-1 EN IEC 60947-5-5 EN 620 EN ISO 13850
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Enclosure material	Grey cast iron, painted
Material of the contacts, electrical	Silver
Material of the housing cover	Grey cast iron, painted
Length of the wire, maximum	100 m
Gross weight	6,200 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)	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

Termination	Spring pulley connection
Cable entry	2 x M25 x 1.5
Cable section, minimum	0.5 mm², 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
Switching principle	Snap action

Electrical data - Communication protocols

Field bus	DuplineSafe
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Electrical data - Dupline

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

Electrical data - DuplineSafe

Operating voltage	8.2 VDC
Current consumption	1 mA

Other data

Note (applications)	Pull-wire emergency stop switches
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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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