



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

EAN (European Article Number) 4030661533032

Approval - Standards

Certificates TÜV
cULus
CCC

General data

Standards	IEC 60947-5-1 IEC 60947-5-5 ISO 13850 EN 620
Enclosure material	thermosetting resin
Material of the contacts, electrical	Silver
Material of the 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 appraisal

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

Safety appraisal - Safety outputs

B10d 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

Terminal Connector	Spring pulley connection
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 EN 60529 IP67 to EN 60529
Ambient temperature, minimum	-40 °C

Ambient temperature, maximum	+70 °C
Protection rating	II

Ambient conditions - Insulation value

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 switch element

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
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Operating current1 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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