



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

EAN (European Article Number) 4030661532950

Approval - Standards

Certificates TÜV
cULus
CCC

General data

Standards	IEC 60947-5-1 IEC 60947-5-5 ISO 13850 EN 620
Enclosure material	Grey cast iron, painted
Material of the contacts, electrical	Silver
Material of the 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 appraisal

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

Safety appraisal - Safety outputs

B10d Normally-closed contact (NC)	100,000 Operations
-----------------------------------	--------------------

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	I

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
-----------	-------------

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
-------------------	---------

Operating current1 mA

Other data

Note (applications)Pull-wire emergency stop switches

Schmersal, Inc., 15 Skyline Drive, Hawthorne, NY 10532
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.
Generated on: 11/9/2021, 11:38 AM