DATASHEET

SCHMERSAL
THE DNA OF SAFETY



ZQ700-02

- 1 Cable entry M 20 x 1.5
- Large wiring compartment
- Thermoplastic enclosure
- one-side operation / wire up to 10 m long
- Release push button
- Position indicator
- Twisting of towing eye not possible
- wire pull and breakage detection
- One tension force for cable lengths up to 10 m

Data

Ordering data

Predecessor part number	101192478
Product type description	ZQ700-02
Article number (order number)	161192478
EAN (European Article Number)	4030661352671
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	CCC

General data

Standards	EN ISO 13850
	EN IEC 60947-5-5
	EN IEC 60947-5-1
Housing material	Glass-fibre, thermoplastic
Material of the housing cover	Glass-fibre, thermoplastic

General data

Length of the wire, maximum	10 m
Gross weight	217 g

General data - Features

Number of safety contacts	2

Safety classification

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

Safety classification - Safety outputs

B10D Normally-closed contact (NC)	100,000 Operations

Mechanical data

Mechanical lifetime, minimum	1,000,000 Operations

Mechanical data - Connection technique

Termination	Screw terminals M20 x 1.5
Cable section, minimum	0.75 mm^2
Cable section, maximum	2.5 mm^2
Note	All indications including the conductor ferrules.

Mechanical data - Dimensions

Width	40.5 mm
Height	160 mm
Depth	50.9 mm

Ambient conditions

IP Degree of protection	IP67
Ambient temperature	-25 ... +70 °C
Relative humidity, maximum	95 %

Ambient conditions - Insulation values

Rated insulation voltage Ui	500 V
Rated impulse withstand voltage Uimp	6 kV

Electrical data

Thermal test current	10 A
Utilisation category AC-15	230 VAC
Utilisation category AC-15	4 A
Utilisation category DC-13	24 VDC
Utilisation category DC-13	4 A
Switching element	2 NC contact
Switching principle	Snap action
Material of the contacts, electrical	Silver

Note

Note (General)	Recommended cable lengths for pull-wire Emergency-Stop switches in relation to the range of ambient temperature.
	As the thimbles are subject to deformation in case of wire pull, the wire should be pulled several times after fitting. After that, the wire must be re-tensioned using the eyebolt or the tensioner.
	At 2 m ... 5 m distance intermediate wire supports are required, see accessories

Pictures

Product picture (catalogue individual photo)



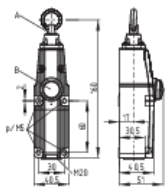
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| 113.09 KB | .png | 210 x 611 Pixel

Dimensional drawing basic component

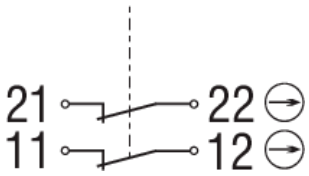


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| 10.45 KB | .png | 210 x 146 Pixel

Diagram

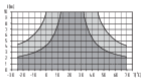


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Characteristic curve



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| 3.02 KB | .png | 210 x 210 Pixel

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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