



Emergency pull-wire switch

ZS 80 2Ö/2S WVD

Article no.: 1177916 (old article no.: 72942501)

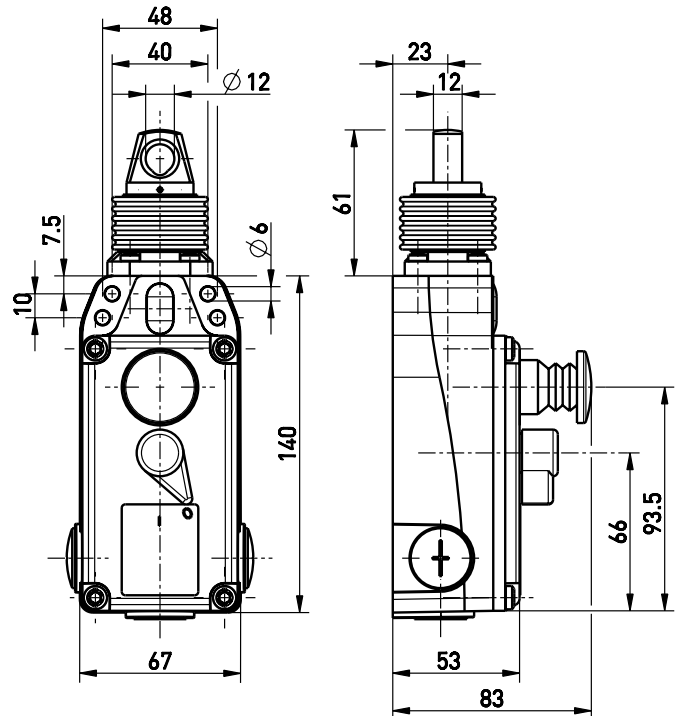
Product features

- Metal enclosure
- 4 contacts
- Position indicator and integrated emergency-stop push button
- Wire length up to 100 m
- Spring force variant: 100 N
- Lever for release and position indication
- Watertight collar
- Wire pull and breakage detection

Notes

- At 5 m distance intermediate wire supports are required. One wire thimble is provided.

Dimensions



Technical data

Applied standards

EN 60947-5-1, EN 60947-5-5, EN ISO 13850, EN ISO 13849-1

Enclosure

aluminium die-cast, powder-coated

Cover

thermoplastic, glass-fibre reinforced, shockproof, self-extinguishing UL 94 V-0

Tightening torque

cover screws: 2.4 Nm

Degree of protection

IP67 (IEC/EN 60529)

B_{10d} (10 % load)

200 000

T_M

max. 20 years

Contact material

silver

Switching elements

2 NC/2 NO contacts, type Zb

Switching system

slow action, positive break NC contacts $\ominus$

Connection

2 x 4 pole terminal block

Cable entry

3 x M20 x 1.5

Cable cross-section

max. 2.5 mm² (incl. conductor ferrules)

Rated impulse withstand voltage U_{imp}

2.5 kV

Rated insulation voltage U_i

250 V

Conventional thermal current I_{the}

2 A

Conditional short-circuit current

1000 A

Utilisation category

AC-15; DC-13

Rated operating current/voltage I_e/U_e

2 A/250 VAC; 0.25 A/230 VDC; 2 A/24 VDC

Short-circuit protection

2 A gG/gN fuse

Errors and omissions excepted.



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Technical data (contd.)

Ambient temperature

-25 °C ... +70 °C

Mechanical life

> 100 000 operations

Max. wire length

100 m

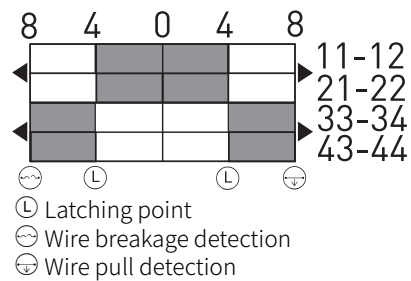
Approvals



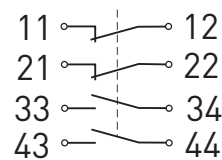
Weight

712 g

Switching diagram



Contact diagram



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