



Emergency pull-wire switch

ZS 73 1Ö/1S VD / 120-180 N

Material no.: 1048218 (material no. old: 73141909)

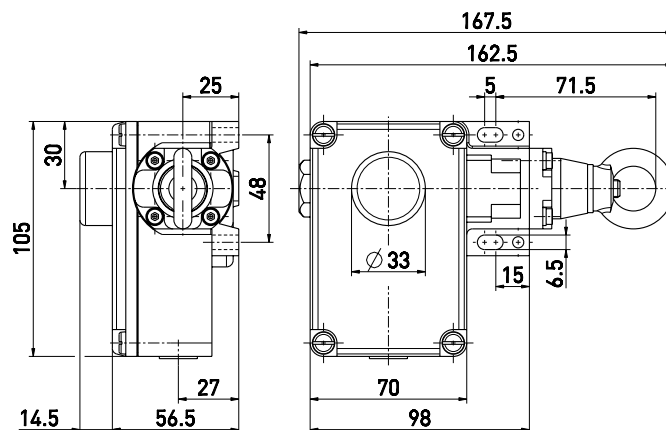
Product features

- Metal enclosure
- 2 contacts
- Wire length up to 130 m
- Adjustable spring force: 120-180 N
- Release by push button (VD)
- 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, enamel finish

Cover

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

Degree of protection

IP54 (IEC/EN 60529)

B_{10d} (10 % load)

100 000

T_M

max. 20 years

Contact material

silver

Switching elements

1 NC/1 NO contact, type Zb

Switching system

snap action, positive break NC contacts ⊖

Connection

screw connection terminals

Cable cross-section

min. 0.5 mm², max. 2.5 mm² (incl. conductor ferrules)

Stripping length

6 mm

Cable entry

1 x M16 x 1.5

Rated impulse withstand voltage U_{imp}

6 kV

Rated insulation voltage U_i

400 V

Conventional thermal current I_{the}

6 A

Utilisation category

AC-15

Rated operating current/voltage I_e/U_e

6 A/400 VAC

Short-circuit protection

6 A gG/gN fuse

Ambient temperature

-25 °C ... +70 °C

Mechanical life

> 100 000 operations

Max. wire length

130 m

Approvals



Weight

620 g

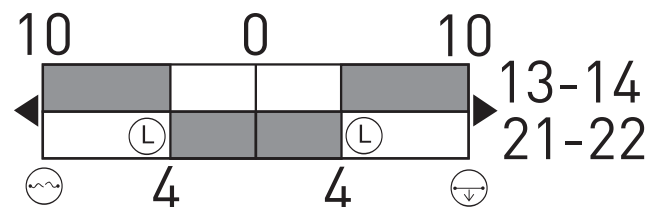


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Switching diagram



- Ⓛ Latching point
- Ⓢ Wire breakage detection
- Ⓣ Wire pull detection

Contact diagram

