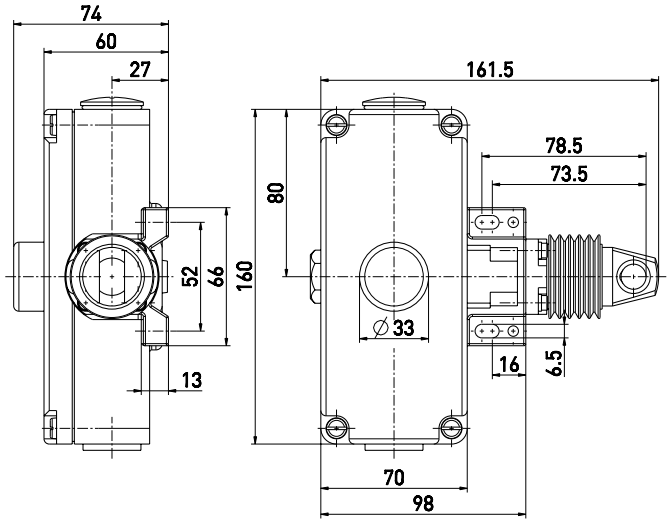
# Emergency pull-wire switch
# ZS 75 2Ö/2S WVD / 120-180 N
# Material no.: 1048431 (material no. old: 75442507)

## Product features

- Metal enclosure
- 4 contacts
- Wire length up to 130 m
- Adjustable spring force: 120-180 N
- Release by push button (VD)
- Wire pull and breakage detection
- Watertight collar W for protection against penetration of dirt

**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**
aluminium die-cast, powder-coated

**Degree of protection**
IP65 (IEC/EN 60529)

**$B_{10d}$ (10 % load)**
100 000

**$T_M$**
max. 20 years

**Contact material**
silver

**Switching elements**
2 NC/2 NO contacts, 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**
2 x M25 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

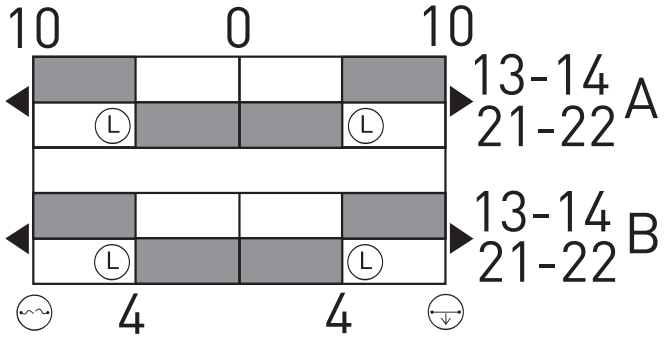
**Approvals**

**Weight**
980 g

Errors and omissions excepted.

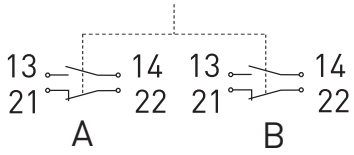
# Emergency pull-wire switch
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## Switching diagram




Latching point
Wire breakage detection
Wire pull detection

## Contact diagram




Errors and omissions excepted.