



## Pull-wire switch

ZS 70 1Ö/1S

Material no.: 1178448 (material no. old: 70141001)

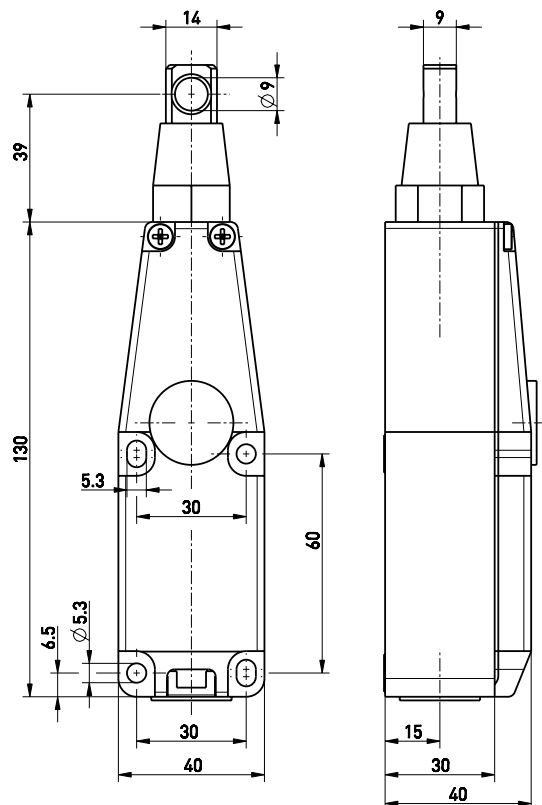
### Product features

- Thermoplastic enclosure
- 2 contacts
- Mounting details to EN 50041
- Compact design
- Wire length up to 10 m
- Wire pull and breakage detection
- Without mechanical latching

#### Notes

- At 2.5 m distance intermediate wire supports are required.  
One wire thimble is provided.

### Dimensions



### Technical data

#### Applied standards

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

#### Enclosure

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

#### Cover

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

#### Degree of protection

IP67 (IEC/EN 60529)

#### B<sub>10d</sub> (10 % load)

2 million

#### T<sub>M</sub>

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

max. 2.5 mm<sup>2</sup> (incl. conductor ferrules)

#### Cable entry

1 x M20 x 1.5

#### Rated impulse withstand voltage U<sub>imp</sub>

6 kV

#### Rated insulation voltage U<sub>i</sub>

400 V

#### Conventional thermal current I<sub>the</sub>

6 A

#### Utilisation category

AC-15

#### Rated operating current/voltage I<sub>e</sub>/U<sub>e</sub>

6 A/400 VAC

Errors and omissions excepted.



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### Technical data (contd.)

#### Short-circuit protection

6 A gG/gN fuse

#### Ambient temperature

-25 °C ... +70 °C

#### Mechanical life

> 1 million operations

#### Max. wire length

10 m

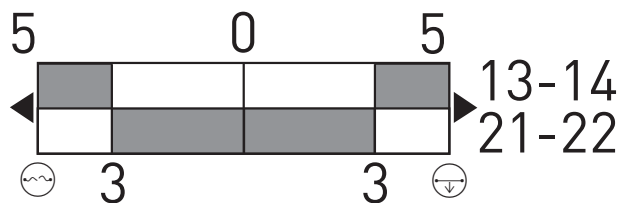
#### Approvals



#### Weight

125 g

### Switching diagram



⊖ Wire breakage detection

⊕ Wire pull detection

### Contact diagram

