



## Position switch Extreme with safety function

ES 41 HL 10/1S +180°C Extreme

Material number: 1183482 (Material number old: 41015905)

### Features/Options

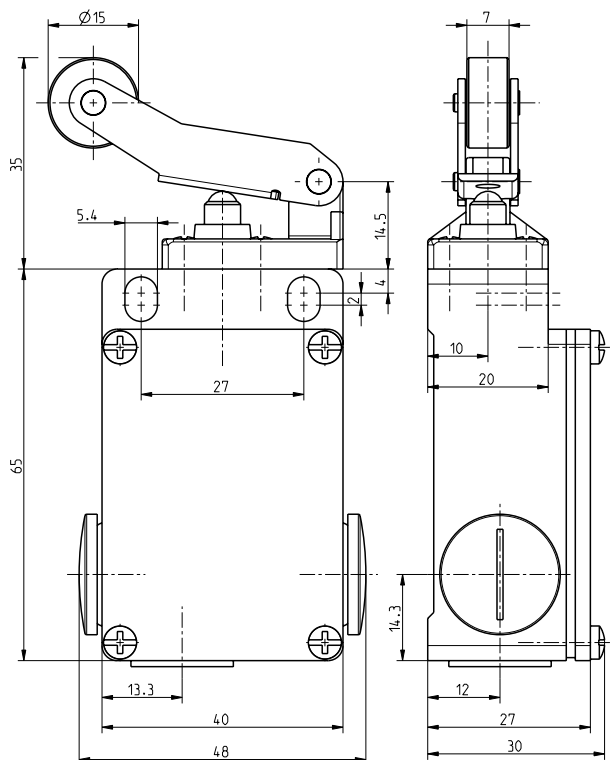
- Metal enclosure
- Change-over contact with double break
- 3 cable entries M16 x 1.5

- Heat-resistant up to +180 °C
- Locking screws, brass nickel-plated

### Note

- When used as safety switch, secure the enclosure against slipping with appropriate means, e.g. pinning.

### Dimensions



### Technical data

#### Standards

EN ISO 13849-1; EN 60947-5-1; EN ISO 14119

#### Enclosure

aluminium die-cast, powder-coated  
steel, powder-coated

#### Cover

type 1

#### Switch type

no coding

#### Coding level

IP 65 to IEC/EN 60529

#### Degree of protection

#### Contact material

silver

#### Switching system

slow action, positive break NC

contacts ⊖

#### Switching elements

1 NC/1 NO contact, type Za

#### Connection

screw connection terminals

#### Cable cross-section

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

#### Cable entry

3 x M16 x 1.5

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

2 million

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

max. 20 years

#### U<sub>imp</sub>

4 kV

#### U<sub>i</sub>

400 V

#### I<sub>the</sub>

6 A

#### Utilisation category

AC-15

#### I<sub>e</sub>/U<sub>e</sub>

6 A/400 VAC

#### Max. fuse rating

6 A gG/gN fuse

#### Mechanical life

> 1 million operations

#### Operation cycles

1800/h

#### Ambient temperature

max. -20 °C ... +180 °C

#### Approvals

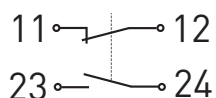


#### Weight

186 g

Errors and omissions excepted.

### Contact diagram





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Switching diagram

