



Position switch Extreme with safety function

ES 41 PH/180° 1Ö/1S +180°C Extreme

Material number: 1181167 (Material number old: 41019903)

Features/Options

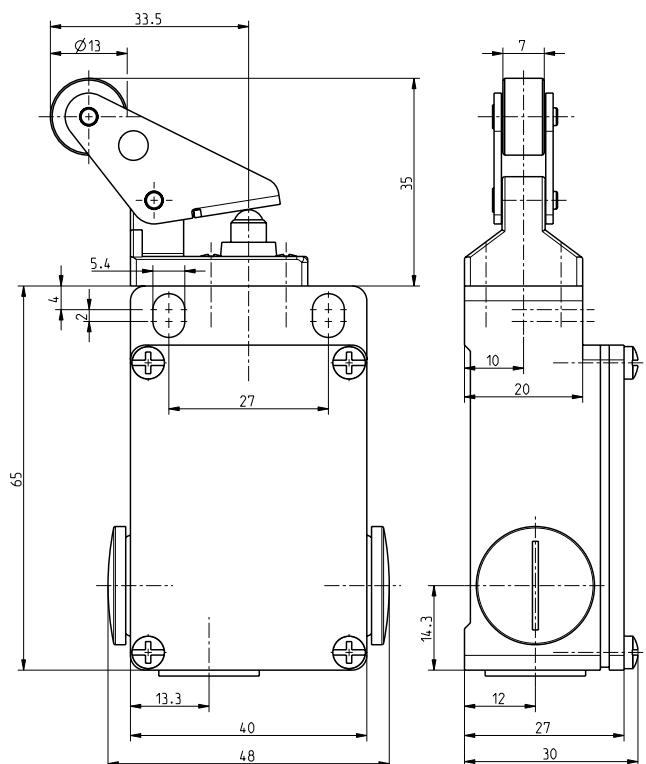
- Metal enclosure
- Change-over contact with double break
- 3 cable entries M16 x 1.5

Note

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

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

Dimensions



Technical data

Standards

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

Enclosure

aluminium die-cast, powder-coated
steel, powder-coated
type 1

Cover

Switch type

Coding level

no coding

Degree of protection

IP 65 to IEC/EN 60529

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 mm² (incl. conductor ferrules)

Cable entry

3 x M16 x 1.5

B_{10d} (10 % Load)

2 million

T_M

max. 20 years

U_{imp}

4 kV

U_i

400 V

I_{the}

6 A

Utilisation category

AC-15

I_e/U_e

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

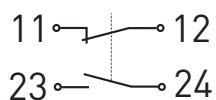


Weight

180 g

Errors and omissions excepted.

Contact diagram





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Switching diagram

