



Position switch with safety function

ES 95 WPHM 1S/1Ö UE

Číslo materiálu: 1050251 (Staré číslo materiálu: 95220003)

Vlastnosti/možnosti

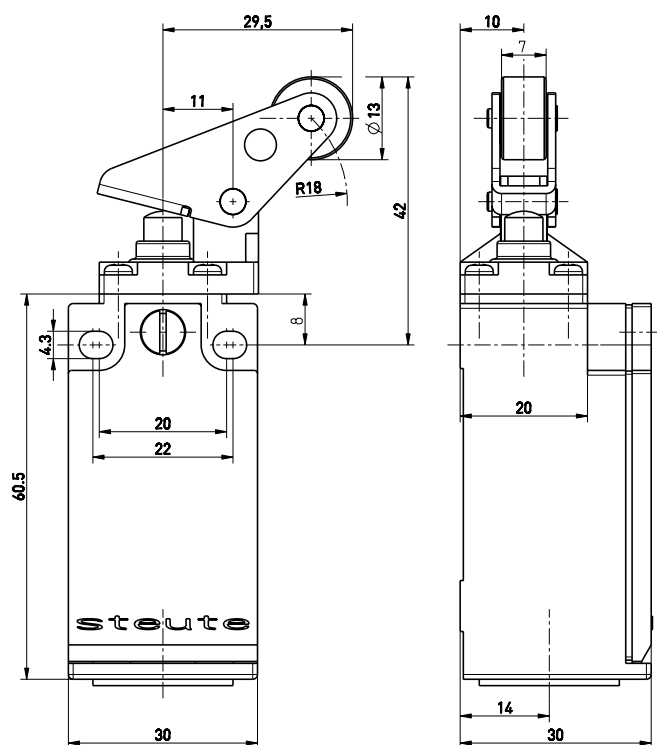
- Thermoplastic enclosure
- Horizontally slotted mounting holes
- Double insulated ☐
- Slow action $\ominus$, change-over contact with overlapping with double break
- Good resistance to oil and petroleum spirit
- Actuator: Parallel metal roller lever with collar WPHM

- Actuating speed max. 0.5 m/s with a vertical actuating angle of 30°
- Watertight collar for protection against penetration of dirt
- Wear-resistant plastic roller
- Actuator can be repositioned by 4 x 90°
- Actuation parallel to switch from below

Note

- With metal roller available on request

Rozměry



Technická data

Standards

EN ISO 13849-1; EN 60947-5-1;
EN 1088; BG-GS-ET-15

Design

EN 50 047

Enclosure

glass-fibre reinforced,
shock-proof thermoplastic,
self-extinguishing UL 94-V0
IP 67 to IEC/EN 60529

Degree of protection

Contact material

silver

Switching system

slow action, positive break

Switching elements

NC contacts $\ominus$ to EN 60947-5-1
change-over contact with double
break Zb, galvanically separated
contact bridges

Connection

screw connection terminals

Cable cross-section

max. 2.5 mm²
(incl. conductor ferrules)

Cable entry

1 x M20 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; DC-13

I_e/U_e

6 A/400 VAC; 0.25 A/230 VDC

Max. fuse rating

6 A gG/gN fuse

Mechanical life

> 1 million operations

Frequency of operation

1800/h

Ambient temperature

-20 °C ... +80 °C

Contact gap

2 x 3.5 mm

Approvals



Omyly a technické změny vyhrazeny.

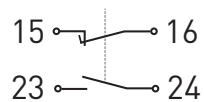


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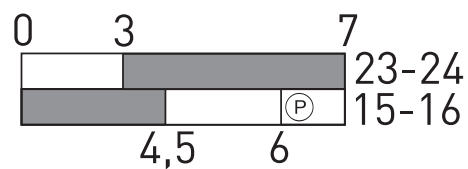
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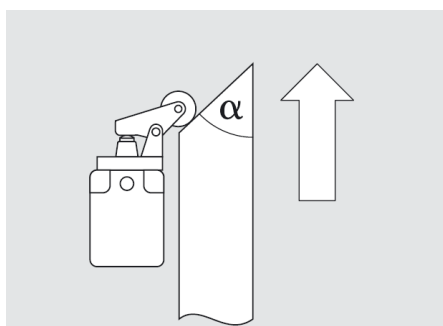
Contact diagram



Switching diagram



Actuating angle



α - Actuating angle from bottom of switch axis as shown in picture