



Ex position switch with safety function

Ex 335 3K 1S/1Ö UE

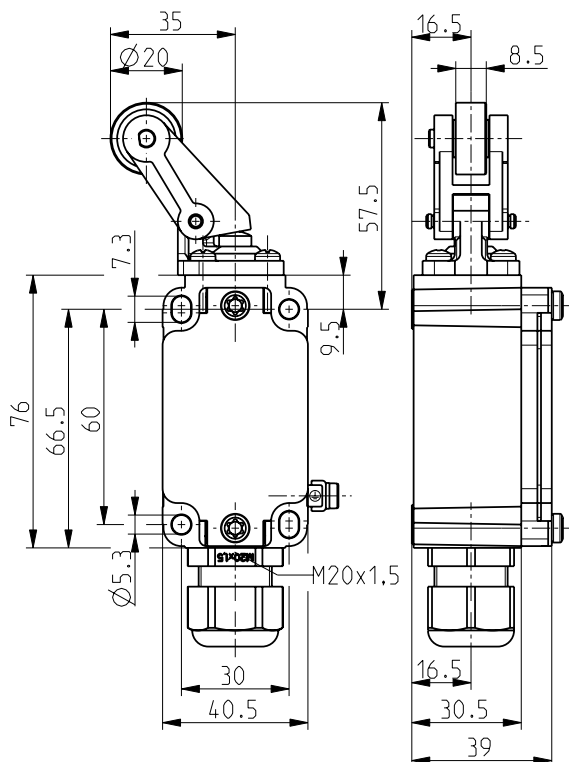
Číslo materiálu: 1189020 (Staré číslo materiálu: 93219301)

Vlastnosti/možnosti

- Ex zone 1 and 21
- Metal enclosure
- Design according to EN 50041
- Slow action $\ominus$, change-over contact with overlapping with double break
- Wiring compartment
- Actuator: Angled roller lever 3K

- Actuating speed max. 0.5 m/s with a vertical actuating angle of 30°
- Actuation parallel to switch from below
- Wear-resistant plastic roller
- Actuator can be repositioned by 4 x 90°
- N.B.: Please state required approvals for Russia, China, Brazil and North America with your order!

Rozměry



Technická data

Standards

EN 60947-5-1; EN 1088;
EN 60079-0, EN 60079-1,
EN 60079-7, EN 60079-31;
EN ISO 13849-1

Design

EN 50 041

Enclosure

zinc die-cast, enamel finish

Switch insert

Ex 95

Degree of protection

IP 67 to IEC/EN 60529

Contact material

silver

Switching system

slow action, positive break

Switching elements

NC contacts $\ominus$
change-over contact with double
break Zb, galvanically separated
contact bridges

Connection

M3 screw connection terminals

Cable cross-section

max. 1.5 mm²
(incl. conductor ferrules)

Cable entry

1 x M20 x 1.5 for
cable diameter 5 ... 9 mm

B_{10d} (10 % Load)

2 million

T_M

max. 20 years

U_{imp}

4 kV

U_i

250 V

I_{the}

6 A

I_e/U_e

6 A/250 VAC; 0.25 A/230 VDC

Utilisation category

AC-15; DC-13

Max. fuse rating

6 A gG/gN fuse

Ambient temperature

-20 °C ... +60 °C

Mechanical life

> 1 million operations

Frequency of operation

1800/h

Repeat accuracy of switching points

± 0.1 mm

Contact gap

max. 2 x 3.5 mm

Ex marking

Ex II 2G Ex de IIC T6/T5 Gb,

Ex II 2D Ex tb IIIC

T80 °C/T95 °C Db IP65

IECEx Ex de IIC T6/T5 Gb,

Ex tb IIIC T80 °C/T95 °C Db IP65

Approvals

DMT 01 ATEX E 178

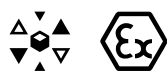
IECEx BVS 07.0014



Weight

368 g

Omyly a technické změny vyhrazeny.

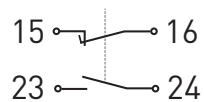


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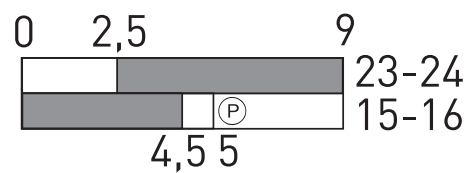
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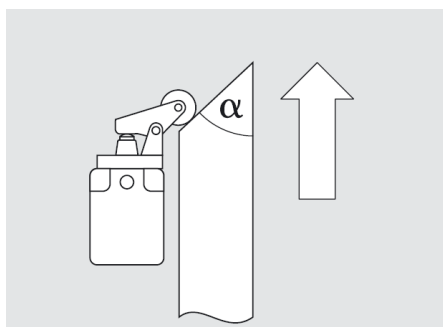
Contact diagram



Switching diagram



Actuating angle



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