



Ex position switch with safety function

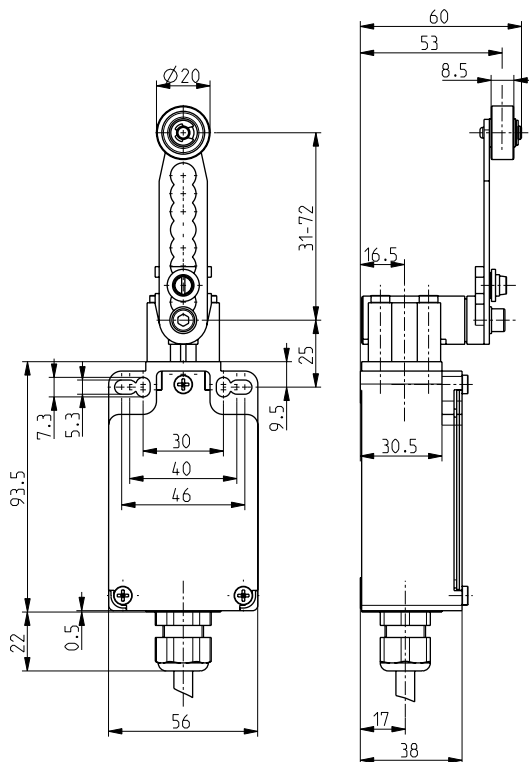
Ex T 356 4V7H 1Ö/1S-2138-5m

Material number: 1179361 (Material number old: 96029903)

Features/Options

- Ex zone 1 and 21
- Thermoplastic enclosure with metal cover
- Mounting and switching details to EN 50041
- Actuator: Adjustable rocking lever 4V7H-2138 (positive drive actuator)
- Actuating speed max. 2.5 m/s with a vertical actuating angle of 30°
- Wear-resistant plastic roller
- Actuator can be repositioned by 4 x 90°
- Lever angle adjustable in 10° steps
- N.B.: Please state required approvals for Russia, China, Brazil and North America with your order!

Dimensions



Technical data

Standards

EN 60947-5-1; EN 60079-0,
EN 60079-1, EN 60079-31;
EN ISO 13849-1; EN ISO 14119

Enclosure

glass-fibre reinforced
thermoplastic, self-extinguishing
type 1

Switch type

no coding

Coding level

steel, enamel finish

Cover

Ex 13

Switch insert

IP 65 to IEC/EN 60529

Degree of protection

silver

Contact material

slow action, positive break NC

Switching system

contacts ⊖

Switching elements

1 NC/1 NO contact, type Zb

Connection

cable H05VV-F, 4 x 0.75 mm²

Cable length

5 m

B_{10d} (10 % Load)

2 million

T_M

max. 20 years

U_{imp}

4 kV

U_i

250 V

I_{the}

T6: 6 A, T5: 3 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

T6: -20 °C ... +65 °C,
T5: -20 °C ... +75 °C, +90 °C with
max. 3 A

Mechanical life

> 1 million operations

Operation cycles

1800/h

Repeat accuracy of switching

± 0.1 mm

points

Contact opening

max. 2 x 4.5 mm

Impact energy

max. 7 J

Ex marking

⊕ II 2G Ex d IIC T6/T5 Gb,

⊕ II 2D Ex tb IIIC

T80 °C/T95 °C Db IP65

IECEx Ex d IIC T6/T5 Gb,

Ex tb IIIC T80 °C/T95 °C Db IP65

Approvals

PTB 03 ATEX 1068 X*

IECEx PTB 06.0053X*



*referring to the switch insert

Errors and omissions excepted.

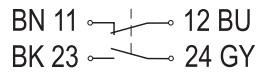


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Contact diagram



Switching diagram

