



AZ 3350-12ZUEK

- 1 Cable entry M 20 x 1.5
- Metal enclosure
- Latching handle
- Long life
- 40,5 mm x 114 mm x 38 mm
- High level of contact reliability with low voltages and currents

Data

Ordering data

Product type description	AZ 3350-12ZUEK
Article number (order number)	101214053
EAN (European Article Number)	4030661397580
eCl@ss number, version 12.0	27-27-26-02
eCl@ss number, version 11.0	27-27-26-02
eCl@ss number, version 9.0	27-27-26-02
ETIM number, version 7.0	EC002592
ETIM number, version 6.0	EC002592
Note (Ordering data)	To order, first choose the desired safety switch and then the door handle system

Approvals - Standards

Certificates	IFA cULus
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General data

Standards	BG-GS-ET-15 EN ISO 13849-1 EN ISO 14119 EN IEC 60947-5-1
Coding level according to EN ISO 14119	Low
Working principle	electromechanical
Housing material	Aluminium
Housing coating material	painted
Gross weight	250 g

General data - Features

Number of actuating directions	1
Number of auxiliary contacts	1
Number of safety contacts	2
Number of cable glands	1

Safety classification

Standards	EN ISO 13849-1
Mission time	20 Year(s)

Safety classification - Safety outputs

B _{10D} Normally-closed contact (NC)	2,000,000 Operations
B _{10D} Normally open contact (NO)	1,000,000 Operations
Note (B _{10D} Normally open contact (NO))	at 10% I _e and ohmic load

Mechanical data

Mechanical life, minimum	1,000,000 Operations
Shearing force	15,000 N
Positive break travel	10.7 mm
Positive break force per NC contact, minimum	5 N

Actuating speed, maximum	0.2 m/s
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Mounting	Screws
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Mechanical data - Connection technique

Cable entry	1 x M20
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Termination	Screw terminals Screw terminals M20 x 1.5
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Cable section, minimum	0.75 mm ²
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Cable section, maximum	2.5 mm ²
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Note	All indications including the conductor ferrules.
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Allowed type of cable	solid single-wire solid multi-wire flexible
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Mechanical data - Dimensions

Length of sensor	38 mm
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Width of sensor	40.5 mm
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Height of sensor	114 mm
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Ambient conditions

Degree of protection	IP67
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Ambient temperature	-30 ... +90 °C
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Storage and transport temperature	-40 ... +90 °C
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Ambient conditions - Insulation values

Rated insulation voltage U_i	250 VAC
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Rated impulse withstand voltage U_{imp}	4 kV
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Electrical data

Thermal test current	10 A
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Required rated short-circuit current	1,000 A
Switching element	NO contact, NC contact
Switching principle	Slow action with overlapping contacts
Maximum switching frequency	1,200 /h
Material of the contacts, electrical	Silver

Electrical data - Safety contacts

Voltage, Utilisation category AC-15	230 VAC
Current, Utilisation category AC-15	4 A
Voltage, Utilisation category DC-13	24 VDC
Current, Utilisation category DC-13	4 A

Electrical data - Auxiliary contacts

Voltage, Utilisation category AC-15	230 VAC
Current, Utilisation category AC-15	4 A
Voltage, Utilisation category DC-13	24 VDC
Current, Utilisation category DC-13	4 A

Scope of delivery

Scope of delivery	Actuator must be ordered separately.
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Accessory

Recommendation (actuator)	AZ 3350-B1 AZ 3350-B5 AZ 3350-B1R AZ 3350-B5R AZ 3350-B6 AZ 3350-B6H
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Ordering code

Product type description:
AZ 3350-(1)-(2)-(3)

(1)

03ZK

3 NC contact

12ZUEK

1 NO contact/2 NC contacts

(2)

1637

Gold-plated contacts

(3)

U90

Actuating head can be rotated 90° for door hinge left

U270

Actuating head can be rotated 270° for door hinge right

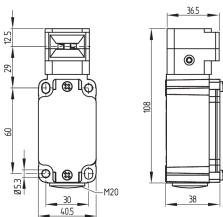
Pictures

Product picture (catalogue individual photo)



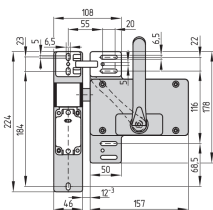
ID: kaz33f09
| 727.5 kB | .jpg | 352.778 x 529.167 mm - 1000 x 1500 px - 72 dpi
| 54.4 kB | .png | 73.731 x 110.772 mm - 209 x 314 px - 72 dpi
| 47.3 kB | .jpg | 82.197 x 123.472 mm - 233 x 350 px - 72 dpi

Dimensional drawing basic component



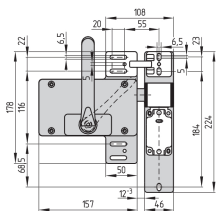
ID: 1az33g02
| 67.5 kB | .cdr |
| 9.2 kB | .png | 74.083 x 51.506 mm - 210 x 146 px - 72 dpi
| 95.9 kB | .jpg | 352.778 x 245.886 mm - 1000 x 697 px - 72 dpi

Dimensional drawing miscellaneous



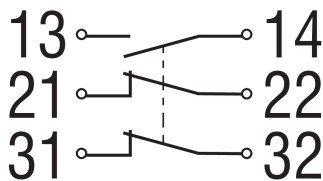
ID: 1az33m03
| 63.5 kB | .cdr |
| 121.3 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701 px - 72 dpi

Dimensional drawing miscellaneous



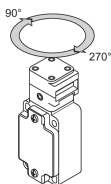
ID: 1az33m04
| 64.4 kB | .cdr |
| 122.0 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701 px - 72 dpi

Diagram



ID: k2o1sk02
| 82.3 kB | .jpg | 352.778 x 193.322 mm - 1000 x 548 px - 72 dpi
| 3.2 kB | .png | 74.083 x 40.569 mm - 210 x 115 px - 72 dpi

Operating principle



ID: 1az33e03
| 64.9 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701 px - 72 dpi
| 7.6 kB | .png | 74.083 x 51.858 mm - 210 x 147 px - 72 dpi