



AZ3350-12ZUEK-U90

- Long life
- Metal enclosure
- Latching handle
- 1 Cable entry M 20 x 1.5
- 40,5 mm x 114 mm x 38 mm
- Actuating head rotated by 90°
- High level of contact reliability with low voltages and currents

Data

Ordering data

Product type description	AZ 3350-12ZUEK-U90
Article number (order number)	101174757
EAN (European Article Number)	4030661304243
eCl@ss number, Version 9.0	27-27-26-02
eCl@ss number, Version 11.0	27-27-26-02
Note (Ordering data)	To order, first choose the desired safety switch and then the door handle system

Approval - Standards

Certificates	TÜV cULus EAC
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General data

Product name	AZ 3350
Standards	EN 60947-5-1 EN ISO 14119 BG-GS-ET-15
Enclosure material	Aluminium
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Gross weight	230 g

General data - Features

Number of auxiliary contacts	1
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Number of safety contacts	2
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Safety appraisal

Standards	EN ISO 13849-1
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Mission Time	20 Year(s)
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Safety appraisal - Safety outputs

B10d Normally-closed contact (NC)	2,000,000 Operations
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B10d Normally open contact (NO)	1,000,000 Operations
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Note (B10d Normally open contact (NO))	at 10% I_e and ohmic load
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Mechanical data

Mechanical life, minimum	1,000,000 Operations
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Door hinge	Left
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Shearing force	15,000 N
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positive break travel	10.7 mm
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Positive break force, minimum	5 N
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Note (Positive break force)	per NC
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Mechanical data - Connection technique

Terminal Connector	Screw connection
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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 (Cable section)	All indications about the cable section are including the conductor ferrules.
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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	IP 67 to IEC/EN 60529
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Ambient temperature, minimum	-30 °C
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Ambient temperature, maximum	+90 °C
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Ambient conditions - Insulation value

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

Thermal test current	10 A
Utilisation category AC-15	230 VAC
Utilisation category AC-15	4 A
Utilisation category DC-13	24 VDC
Utilisation category DC-13	4 A
Switching element	NO contact, NC contact
Switching principle	Slow action with overlapping contacts

Scope of delivery

Included in delivery	Actuators must be ordered separately.
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Accessory

Recommendation (product combination)	AZ 3350-STS30-02
	AZ 3350-STS30-04
	AZ 3350-STS30-05
	AZ 3350-STS30-07

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: kaz33f08

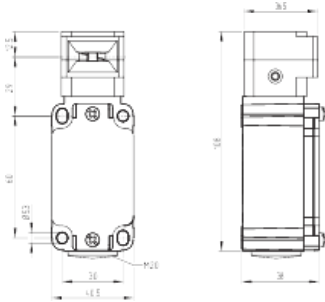
| 54,8 kB | .png | 73.731 x 110.772 mm - 209 x 314

Pixel - 72 dpi

| 769,6 kB | .jpg | 352.778 x 529.167 mm - 1000 x

1500 Pixel - 72 dpi

Dimensional drawing basic component



ID: kaz33g02

| 4,5 kB | .png | 74.083 x 68.792 mm - 210 x 195 Pixel

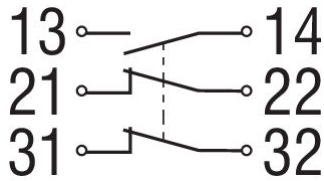
- 72 dpi

| 65,8 kB | .cdr |

| 126,7 kB | .jpg | 352.778 x 327.731 mm - 1000 x 929

Pixel - 72 dpi

Diagram



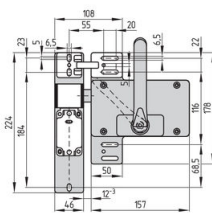
ID: k2o1sk02

| 18,4 kB | .cdr |

| 82,3 kB | .jpg | 352.778 x 193.322 mm - 1000 x 548

Pixel - 72 dpi

Dimensional drawing miscellaneous



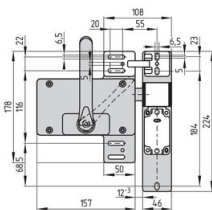
ID: 1az33m03

| 121,3 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701

Pixel - 72 dpi

| 63,5 kB | .cdr |

Dimensional drawing miscellaneous



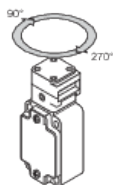
ID: 1az33m04

| 64,4 kB | .cdr |

| 122,0 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701

Pixel - 72 dpi

Operating principle



ID: 1az33e03

| 7,6 kB | .png | 74.083 x 51.858 mm - 210 x 147 Pixel
- 72 dpi

| 64,9 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701
Pixel - 72 dpi

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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