



AZ3350-12ZUEK-U270

- 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 270°
- High level of contact reliability with low voltages and currents

Data

Ordering data

Product type description	AZ 3350-12ZUEK-U270
Article number (order number)	101174720
EAN (European Article Number)	4030661304137
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	Right
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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-ST530-01
	AZ 3350-ST530-03
	AZ 3350-ST530-06
	AZ 3350-ST530-08

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

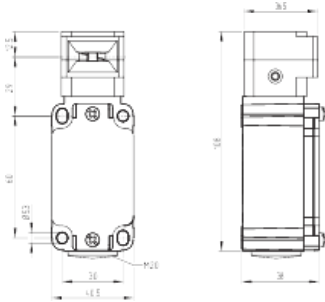
| 54,4 kB | .png | 73.731 x 110.772 mm - 209 x 314

Pixel - 72 dpi

| 727,5 kB | .jpg | 352.778 x 529.167 mm - 1000 x

1500 Pixel - 72 dpi

Dimensional drawing basic component



ID: kaz33g02

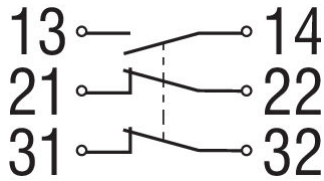
| 4,5 kB | .png | 74.083 x 68.792 mm - 210 x 195 Pixel
- 72 dpi

| 65,8 kB | .cdr |

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

Pixel - 72 dpi

Diagram



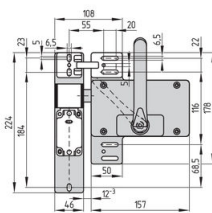
ID: k2o1sk02

| 18,4 kB | .cdr |

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

Pixel - 72 dpi

Dimensional drawing miscellaneous



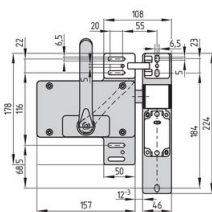
ID: 1az33m03

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

Pixel - 72 dpi

| 63,5 kB | .cdr |

Dimensional drawing miscellaneous



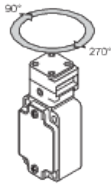
ID: 1az33m04

| 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

K.A. Schmersal GmbH & Co. KG, Möddinghofe 30, D-42279 Wuppertal

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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