



AZ 3350-03ZK

- 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 3350-03ZK
Article number (order number)	101214052
EAN (European Article Number)	4030661397573
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	245 g

General data - Features

Number of actuating directions	1
Number of safety contacts	3
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
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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
Mounting	Screws

Mechanical data - Connection technique

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

Mechanical data - Dimensions

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

Ambient conditions

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

Ambient conditions - Insulation values

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

Electrical data

Thermal test current	10 A
Required rated short-circuit current	1,000 A
Switching element	Opener (NC)
Switching principle	Slow action

Maximum switching frequency	1,200 /h
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Material of the contacts, electrical	Silver
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Electrical data - Safety contacts

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

Pictures

Product picture (catalogue individual photo)



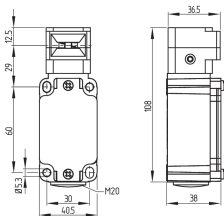
ID: kaz33f09

| 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



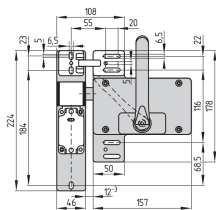
ID: 1az33g02

| 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

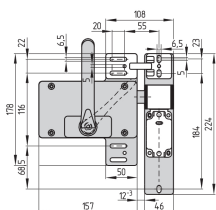


ID: 1az33m03

| 63.5 kB | .cdr |

| 121.3 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701 px - 72 dpi

Dimensional drawing miscellaneous

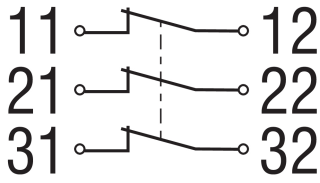


ID: 1az33m04

| 64.4 kB | .cdr |

| 122.0 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701 px - 72 dpi

Diagram



ID: k3o3sk01

| 18.9 kB | .cdr |

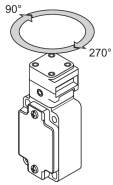
| 82.7 kB | .jpg | 352.778 x 191.558 mm - 1000 x 543 px - 72 dpi

| 3.2 kB | .png | 74.083 x 40.217 mm - 210 x 114 px - 72 dpi

| 6.7 kB | .png | 50.038 x 27.178 mm - 591 x 321 px - 300 dpi

| 2.4 kB | .jpg | 33.161 x 17.992 mm - 94 x 51 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

Schmersal India Pvt. Ltd., Plot No - G-7/1, Ranjangaon MIDC, Tal. - Shirur, Dist.- Pune 412 220

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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