



AZ3350-03ZK

- Long life
- Metal enclosure
- Latching handle
- 1 Cable entry M 20 x 1.5
- 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 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	cULus EAC
--------------	--------------

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	245 g

General data - Features

Number of safety contacts	3
---------------------------	---

Safety appraisal

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

Safety appraisal - Safety outputs

B10d Normally-closed contact (NC)	2,000,000 Operations
-----------------------------------	----------------------

Mechanical data

Mechanical life, minimum	1,000,000 Operations
Shearing force	15,000 N
positive break travel	10.7 mm
Positive break force, minimum	5 N
Note (Positive break force)	per NC

Mechanical data - Connection technique

Terminal Connector	Screw connection
Cable section, minimum	0.75 mm ²
Cable section, maximum	2.5 mm ²
Note (Cable section)	All indications about the cable section are including the conductor ferrules.

Mechanical data - Dimensions

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

Ambient conditions

Degree of protection	IP 67 to IEC/EN 60529
Ambient temperature, minimum	-30 °C
Ambient temperature, maximum	+90 °C

Ambient conditions - Insulation value

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

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	Opener (NC)
Switching principle	Creep circuit element

Scope of delivery

Included in delivery	Actuators must be ordered separately.
----------------------	---------------------------------------

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

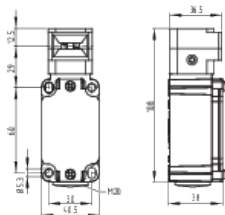
| 54,4 kB | .png | 73.731 x 110.772 mm - 209 x 314

Pixel - 72 dpi

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

1500 Pixel - 72 dpi

Dimensional drawing basic component

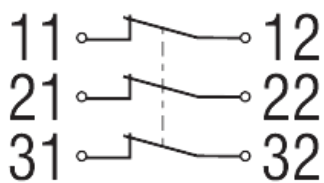


ID: 1az33g02

| 95,9 kB | .jpg | 352.778 x 245.886 mm - 1000 x 697
Pixel - 72 dpi
| 9,2 kB | .png | 74.083 x 51.506 mm - 210 x 146 Pixel
- 72 dpi
| 67,5 kB | .cdr |

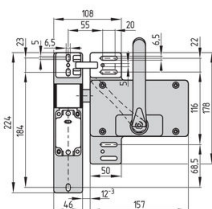
Diagram

ID: k3o3sk01



| 82,7 kB | .jpg | 352.778 x 191.558 mm - 1000 x 543
Pixel - 72 dpi
| 18,9 kB | .cdr |
| 2,4 kB | .png | 74.083 x 40.217 mm - 210 x 114 Pixel
- 72 dpi
| 6,7 kB | .png | 50.038 x 27.178 mm - 591 x 321 Pixel
- 300 dpi
| 2,4 kB | .jpg | 33.161 x 17.992 mm - 94 x 51 Pixel -
72 dpi

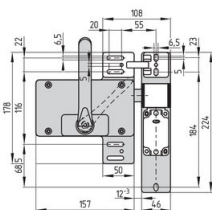
Dimensional drawing miscellaneous



ID: 1az33m03

| 121,3 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701
Pixel - 72 dpi
| 63,5 kB | .cdr |

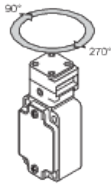
Dimensional drawing miscellaneous



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.

Generated on 25/05/2021 05:23:10