



AZ 3350-12ZUEK-U90

- 1 Cable entry M 20 x 1.5
- Actuating head rotated by 90°
- 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-U90 |
| Article number (order number) | 101174757 |
| EAN (European Article Number) | 4030661304243 |
| 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 | TÜV cULus |
|--------------|--------------|

General data

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|--|---|
| 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 | 230 g |

General data - Features

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|--------------------------------|---|
| 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

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|--|--------------------------------------|
| 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

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|--------------------------|----------------------|
| Mechanical life, minimum | 1,000,000 Operations |
| Door hinge | Left |
| 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

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|------------------------|---|
| Cable entry | 1x 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 (Cable section) | All indications including the conductor ferrules. |
| Allowed type of cable | solid single-wire solid multi-wire flexible |

Mechanical data - Dimensions

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|------------------|---------|
| 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, minimum | -40 °C |
| Storage and transport temperature, maximum | +90 °C |

Ambient conditions - Insulation values

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

Electrical data

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|--------------------------------------|---------------------------------------|
| Thermal test current | 10 A |
| Required rated short-circuit current | 1,000 A |
| Switching element | NO contact, NC contact |
| Switching principle | Slow action with overlapping contacts |
| 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. |
|-------------------|--------------------------------------|

Accessory

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

Recommendation (product combination) AZ 3350-ST530-02
AZ 3350-ST530-04
AZ 3350-ST530-05
AZ 3350-ST530-07

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

| 769.6 kB | .jpg | 352.778 x 529.167 mm - 1000 x 1500 px - 72 dpi

| 54.8 kB | .png | 73.731 x 110.772 mm - 209 x 314 px - 72 dpi

| 48.0 kB | .jpg | 82.197 x 123.472 mm - 233 x 350 px - 72 dpi

Dimensional drawing basic component

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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