



## AZ 335-02ZK-M20

- 1 Cable entry M 20 x 1.5
- Metal enclosure
- Long life
- Universal coding
- 40,5 mm x 114 mm x 38 mm
- Actuator heads can be repositioned in steps 4 x 90°
- Can be mounted on a flat surface
- High level of contact reliability with low voltages and currents
- Slotted holes for adjustment, circular holes for location

## Data

### Ordering data

Note (Delivery capacity)	Not available!
eCl@ss number, Version 9.0	27-27-26-02
eCl@ss number, Version 11.0	27-27-26-02

### General data

Coding level according to ISO 14119	Low
Enclosure material	Aluminium
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Gross weight	225 g

## General data - Features

Number of safety contacts 2

## 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 10,000,000 Operations

Latching force 5 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<sup>2</sup>

Cable section, maximum 2.5 mm<sup>2</sup>

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
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### Ambient conditions

Degree of protection	IP67 to 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 $U_i$	500 V
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Rated impulse withstand voltage $U_{imp}$	6 kV
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### Electrical data

Thermal test current	10 A
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Utilisation category AC-15	230 VAC
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Utilisation category AC-15	4 A
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Utilisation category DC-13	24 VDC
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Utilisation category DC-13	4 A
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Switching element	Opener (NC)
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Switching principle	Creep circuit element
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### Scope of delivery

Included in delivery	Actuators must be ordered separately.
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### Notes

Note (General)

By turning the head in 90° steps, 8 actuating planes are possible. A Torx T10 screwdriver is required for this purpose. Even when the screw is removed, the head is self-retaining. The switch can still not be tampered.

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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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