



## AZ 15 ZVRK-M16-2254

- Thermoplastic enclosure
- Double-insulated
- Long life
- 52 mm x 75 mm x 30 mm
- Multiple coding
- Large wiring compartment
- High level of contact reliability with low voltages and currents
- Slotted holes for adjustment, circular holes for location
- Insensitive to soiling

## Data

### Ordering data

Product type description	AZ 15 ZVRK-M16-2254
Article number (order number)	101151298
EAN (European Article Number)	4030661160689
eCl@ss number, Version 9.0	27-27-26-02
eCl@ss number, Version 11.0	27-27-26-02

### Approval - Standards

Certificates	TÜV cULus CCC EAC
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### General data

Coding level according to ISO 14119	Low
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Enclosure material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Material of the contacts, electrical	Silver
Gross weight	95 g

### General data - Features

Number of safety contacts	1
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### Safety appraisal

Standards	BG-GS-ET-15 EN ISO 13849-1 EN 60947-5-1
Mission Time	20 Year(s)

### Safety appraisal - Safety outputs

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

Mechanical life, minimum	1,000,000 Operations
Latching force	30 N
positive break travel	8 mm
Positive break force, minimum	10 N
Actuating speed, maximum	2 m/s

### Mechanical data - Connection technique

Terminal Connector	Screw connection
Cable section, minimum	0.25 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	30 mm
Width of sensor	52 mm
Height of sensor	75 mm

## Ambient conditions

Degree of protection	IP67 to EN 60529
Ambient temperature, minimum	-30 °C
Ambient temperature, maximum	+80 °C

## Ambient conditions - Insulation value

Rated insulation voltage $U_i$	500 V
Rated impulse withstand voltage $U_{imp}$	6 kV

## Electrical data

Thermal test current	10 A
Switching element	Opener (NC)
Switching principle	Creep circuit element

## Electrical data - Safety contacts

Voltage, Utilisation category AC15	230 VAC
Current, Utilisation category AC-15	4 A
Voltage, Utilisation category DC13	24 VDC
Current, Utilisation category DC13	4 A

## Scope of delivery

Included in delivery	Actuators must be ordered separately.
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## Ordering code

Product type description:  
AZ 15 ZV(1)K-(2)-(3)

(1)

**without**

Ejection force

**R**

Latching force 30 N

(2)

**M16**

cable entry M16

**M20**

Cable entry M20

**ST**

M12 connector, 4 pole

(3)

**2254**

Latching force 5 N

**1762**

Front mounting

**1637**

Gold-plated contacts

## Pictures

### Product picture (catalogue individual photo)



ID: kaz15f01

| 409.7 kB | .jpg | 168.981 x 228.6 mm - 479 x 648 px - 72 dpi

| 105.9 kB | .png | 74.083 x 100.189 mm - 210 x 284 px - 72 dpi

### Dimensional drawing basic component

