



AZ 15 ZVK-ST

- Long life
- Multiple coding
- Double-insulated
- Connector M12, 4-pole
- 52 mm x 75 mm x 30 mm
- Insensitive to soiling
- Thermoplastic enclosure
- Large wiring compartment
- 2 cable entries M 16 x 1.5
- Slotted holes for adjustment, circular holes for location
- High level of contact reliability with low voltages and currents

Data

Ordering data

Product type description	AZ 15 ZVK-ST
Article number (order number)	101148744
EAN (European Article Number)	4030661148151
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
	CNCA

General data

Product name	AZ 15
Enclosure material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Material of the contacts, electrical	Silver
Gross weight	90 g

General data - Features

Ejection force	Yes
Suitable for elevators	Yes

Number of safety contacts	1
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Safety appraisal

Standards	BG-GS-ET-15 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
positive break travel	8 mm
Positive break force, minimum	10 N
Actuating speed, maximum	2 m/s

Mechanical data - Connection technique

Terminal Connector	Connector plug M12, 4-pole, (A-coding)
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Mechanical data - Dimensions

Length of sensor	30 mm
Width of sensor	52 mm
Height of sensor	75 mm

Ambient conditions

Degree of protection	IP 67 to IEC/EN 60529
Ambient temperature, minimum	-30 °C
Ambient temperature, maximum	+80 °C

Ambient conditions - Insulation value

Rated impulse withstand voltage U_{imp}	6 kV
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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	2 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)

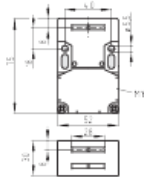


ID: kaz15f25

| 462,3 kB | .jpg | 169.333 x 254 mm - 480 x 720 Pixel
- 72 dpi

| 108,8 kB | .png | 74.083 x 111.125 mm - 210 x 315
Pixel - 72 dpi

Dimensional drawing basic component



ID: laz15g01

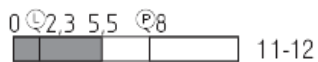
| 3,1 kB | .png | 74.083 x 51.506 mm - 210 x 146 Pixel - 72 dpi

| 61,6 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695 Pixel - 72 dpi

| 39,6 kB | .cdr |

Switch travel diagram

ID: kaz15s01

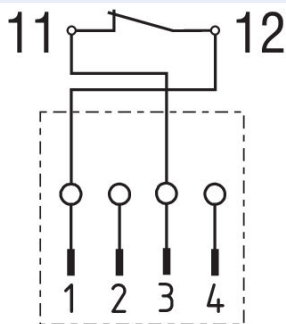


| 19,1 kB | .cdr |

| 1,5 kB | .png | 74.083 x 12.7 mm - 210 x 36 Pixel - 72 dpi

| 33,3 kB | .jpg | 352.778 x 60.325 mm - 1000 x 171 Pixel - 72 dpi

Diagram



ID: kaz15k02

| 91,2 kB | .jpg | 352.778 x 397.228 mm - 1000 x 1126 Pixel - 72 dpi

| 21,1 kB | .cdr |

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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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