



AZ15ZVK-M16

- Long life
- Multiple coding
- Double-insulated
- 52 mm x 75 mm x 30 mm
- Insensitive to soiling
- Thermoplastic enclosure
- Large wiring compartment
- 3 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
Article number (order number)	101152787
EAN (European Article Number)	4030661166308
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
Coding level according to ISO 14119	Low
Enclosure material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Material of the contacts, electrical	Silver
Gross weight	100 g

General data - Features

Ejection force	Yes
Suitable for elevators	Yes

Number of safety contacts	1
---------------------------	---

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
-----------------------------------	----------------------

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	Screw connection
Cable section, minimum	0.25 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	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
---	------

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.
----------------------	---------------------------------------

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

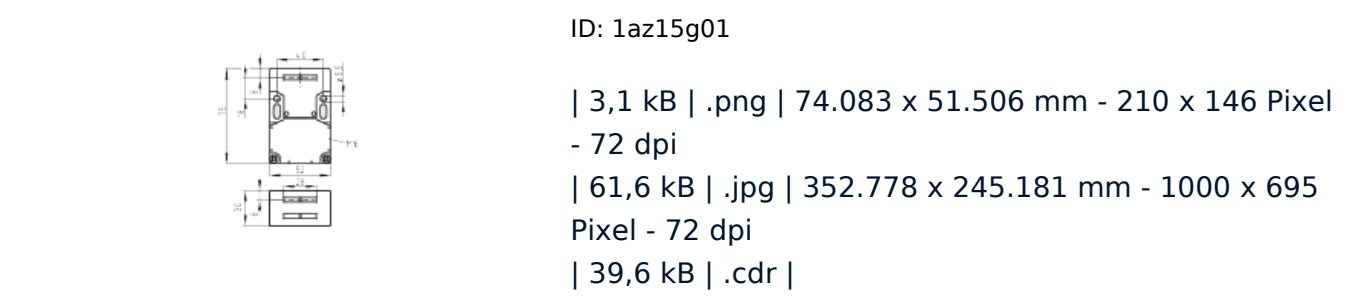
| 105,9 kB | .png | 74.083 x 100.189 mm - 210 x 284

Pixel - 72 dpi

| 409,7 kB | .jpg | 168.981 x 228.6 mm - 479 x 648

Pixel - 72 dpi

Dimensional drawing basic component



ID: 1az15g01

| 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 |



| 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

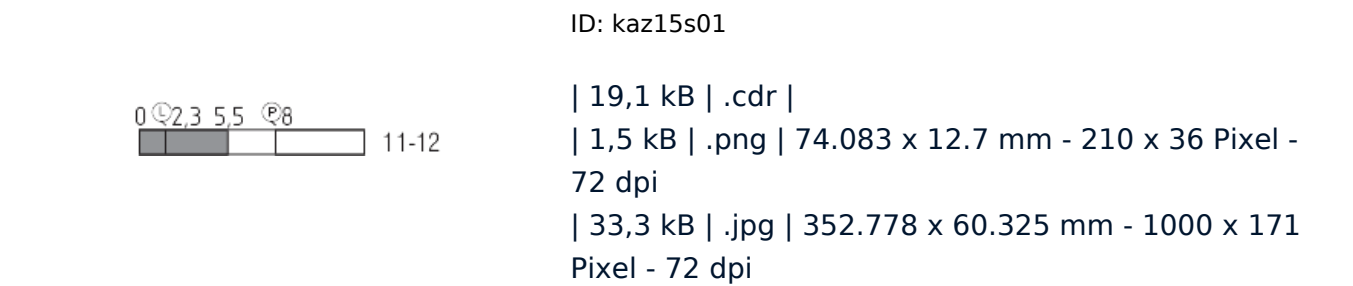
| 39,6 kB | .cdr |



| 61,6 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695
Pixel - 72 dpi
| 39,6 kB | .cdr |

| 39,6 kB | .cdr |

Switch travel diagram



0 2,3 5,5 P8 11-12

0 2,3 5,5 P8

11-12

| 19,1 kB | .cdr |

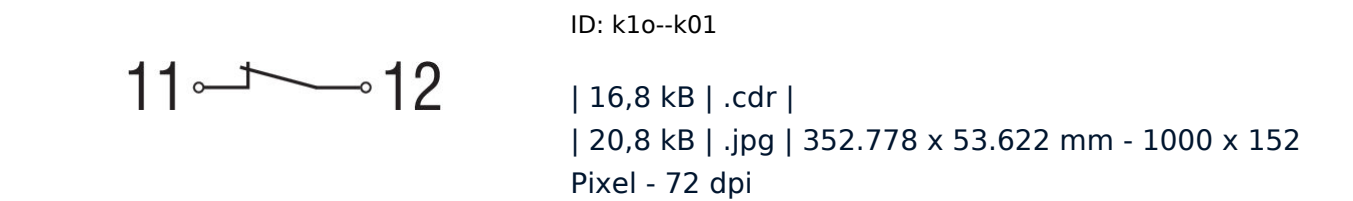
| 1,5 kB | .png | 74.083 x 12.7 mm - 210 x 36 Pixel - 72 dpi

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

0 2,3 5,5 8
11-12 | 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

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

Diagram



11 — 12

ID: k10--k01

| 16,8 kB | .cdr |

| 20,8 kB | .jpg | 352.778 x 53.622 mm - 1000 x 152 Pixel - 72 dpi

11  12

| 16,8 kB | .cdr |
| 20,8 kB | .jpg | 352.778 x 53.622 mm - 1000 x 152
Pixel - 72 dpi

| 20,8 kB | .jpg | 352.778 x 53.622 mm - 1000 x 152
Pixel - 72 dpi

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 07/05/2021 08:53:29

Generated on 07/05/2021 08:53:29