

ZSD5/O.LTG



- 3 levels OFF-ON-OFF
- Thermoplastic enclosure
- 1 Cable entry M 20 x 1.5
- Good resistance to oil and petroleum spirit
- Contacts do not close upon reset (level 3 -> level 1)
- Particularly fit for robot applications in accordance with the ANSI Robotics Standard
- The redundant contact configuration enables signal processing using conventional safety relay modules

Data

Ordering data

Product type description	ZSD5
Article number (order number)	101199467
EAN (European Article Number)	4030661521435
eCl@ss number, Version 9.0	27-37-12-38

Approval - Standards

Certificates	TÜV cULus
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General data

Product name	ZSD
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Standards	IEC 60947-5-1
	IEC 60204-1
	EN 775
	ISO 12100
	ISO 11161
	ISO 10218
	UL508 1
	CSA C22.2 Nr.14
	JIS C8201-5-1
	ANSI/RIA R15.06
Enclosure material	Plastic, thermoplastic, self-extinguishing
Material of the contacts, electrical	Silver
Gross weight	190 g

General data - Features

Number of openers	1
Number of shutters	2

Mechanical data

Note (Mechanical lifetime)	NO:
	Stage 1 - 2 - 1: 1,000,000 operations
	Stage 1 - 2 - 3 - 1: 100,000 operations

Mechanical data - Connection technique

Terminal Connector	Screw connection
Cable section, minimum	0.14 mm ²
Cable section, maximum	1.5 mm ²

Ambient conditions

Protection class	IP65
Ambient temperature, minimum	-10 °C
Ambient temperature, maximum	+60 °C

Ambient conditions - Insulation value

Rated impulse withstand voltage	2.5 kV
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Electrical data

Rated operating voltage	250 VAC
	250 VDC
Operating current	3,000 mA
Switching element	NO contact, NC contact
Switching principle	Slow action
Switching frequency	1,200 /h

Accessory

Recommended safety switchgear SRB, 2-channel with cross-wire detection

Notes

Note (General)

Customer-specific versions, with connecting cable, are available upon request.

The monitoring module must offer the possibility of cross-wire monitoring.

Only a double shielded cable is authorised as supply line.

1) If the device is to be used in a damp room, a suitable connection cable must be used.

1) This device has been tested for impact and fire resistance according to UL508.

Ordering code

Product type description:

ZSD (1)

(1)

5 3-stage grip switch

216 3-stage door handle switch with additional push-button

Pictures

Product picture (catalogue individual photo)

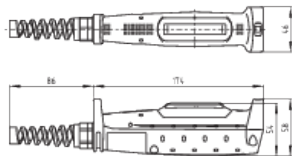


ID: kzsd-f01

| 259,3 kB | .jpg | 92.428 x 416.631 mm - 262 x 1181
Pixel - 72 dpi

| 197,9 kB | .png | 74.083 x 333.728 mm - 210 x 946
Pixel - 72 dpi

Dimensional drawing basic component



ID: 1zsd-g01

| 127,2 kB | .jpg | 352.778 x 244.475 mm - 1000 x 693

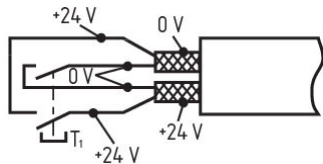
Pixel - 72 dpi

| 12,0 kB | .png | 74.083 x 51.153 mm - 210 x 145

Pixel - 72 dpi

| 38,3 kB | .cdr |

Diagram



ID: kzsd6k01

| 79,2 kB | .jpg | 352.778 x 176.389 mm - 1000 x 500

Pixel - 72 dpi

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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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