



ZSD6CC

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

Data

Ordering data

Product type description	ZSD6CC
Article number (order number)	103043704
EAN (European Article Number)	4030661623368
eCl@ss number, version 12.0	27-37-12-38
eCl@ss number, version 11.0	27-37-12-38
eCl@ss number, version 9.0	27-37-12-38
ETIM number, version 7.0	EC002571
ETIM number, version 6.0	EC002571

Approvals - Standards

Certificates	cULus
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General data

Standards	EN ISO 13849-1 EN IEC 60947-5-1 EN IEC 60947-5-8
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Housing material	Plastic, thermoplastic, self-extinguishing
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Gross weight	180 g
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General data - Features

Push button, additionally	Yes
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Number of normally closed (NC)	1
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Number of normally open (NO)	2
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Safety classification

Standards	EN ISO 13849-1 EN IEC 61508
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Performance Level, up to	d
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Category	3
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B _{10D} Normally-closed contact (NC)	100,000 Operations
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Mechanical data

Note (Mechanical life)	NO: Stage 1 - 2 - 1: 1,000,000 operations Stage 1 - 2 - 3 - 1: 100,000 operations
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Positive break travel	4.7 mm
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Positive break force, minimum	70 N
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Mechanical data - Connection technique

Cable entry	1 x M20 x 1,5
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Termination	Cage clamp
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Authorised cable section, minimum	7 mm
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Authorised cable section, maximum	13 mm
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Cable section, minimum	0.2 mm ²
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Cable section, maximum	1.5 mm ²
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Ambient conditions

Degree of protection	IP65
Ambient temperature	-10 ... +60 °C
Storage and transport temperature	-40 ... +80 °C
Relative humidity, minimum	45 %
Relative humidity, maximum	85 %
Note (Relative humidity)	non-condensing
Resistance to vibrations	Operation: 5 ... 55 Hz, Amplitude 0,5 mm min./ Damage: 16,7 Hz, Amplitude 1,5 mm min.
Resistance to shock	Operation: 150 m/s ² , Damage: 1.000 m/s ²

Ambient conditions - Insulation values

Rated impulse withstand voltage U_{imp}	1.5 kV
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Electrical data

Rated operating voltage	250 VAC
Operating current	2,500 mA
External wire and device fuse rating	10A f
Switching element	NO contact, NC contact NO contact / NC contact
Switching principle	Slow action
Maximum switching frequency	1,200 /h
Material of the contacts, electrical	Silver

Electrical data - Contacts

Voltage, Utilisation category AC-15	125 VAC
Current, Utilisation category AC-15	1.5 A

Voltage, Utilisation category DC-13	125 VDC
Current, Utilisation category DC-13	0.22 A

Electrical data - Auxiliary contacts

Voltage, Utilisation category AC-15	125 VAC
Current, Utilisation category AC-15	1 A
Voltage, Utilisation category DC-13	125 VDC
Current, Utilisation category DC-13	0.22 A

Accessory

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

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.
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Ordering code

Product type description:
ZSD (1)

(1)

215	3-stage grip switch
6	3-stage door handle switch with additional push-button

Pictures

Product picture (catalogue individual photo)



ID: kzsd6f02
| 1.9 MB | .jpg | 352.778 x 1438.628 mm - 1000 x 4078 px - 72 dpi
| 155.6 kB | .png | 74.083 x 301.978 mm - 210 x 856 px - 72 dpi
| 15.9 kB | .jpg | 30.339 x 123.472 mm - 86 x 350 px - 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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