



PS116-Z11-ST-K200

- Snap action 1 Normally open contact (NO) / 1 Opener (NC)
- connector plug M12, bottom
- Thermoplastic enclosure
- Symmetric enclosure
- Protection class IP66, IP67
- Actuator heads can be repositioned by 8 x 45°

Data

Ordering data

EAN (European Article Number)	4030661442860
eCl@ss number, Version 9.0	27-27-26-01
eCl@ss number, Version 11.0	27-27-26-01
ETIM number, version 6.0	EC000030
ETIM number, version 7.0	EC000030

Approval - Standards

Certificates	cULus CCC EAC
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General data

Standards	IEC 60947-5-1
Terminal (mechanical)	bottom
Housing construction form	Norm construction design

Actuator type to DIN EN 50047	e
Enclosure material	Plastic, glass-fibre reinforced thermoplastic, zinc die-cast, chromated
Material of the contacts, electrical	Silver
Gross weight	150 g

General data - Features

Safety functions	Yes
Number of auxiliary contacts	1
Number of safety contacts	1

Safety appraisal

Standards	EN ISO 13849-1
Mission Time	20 Year(s)

Safety appraisal - Safety outputs

B10d Normally-closed contact (NC)	20,000,000 Operations
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Mechanical data

Actuating element	Offset roller lever K200
Mechanical life, minimum	10,000,000 Operations
Actuating force, minimum	7.5 N
Positive break force, minimum	40 N
Actuating speed, minimum	24 mm/min
Actuating speed, maximum	1 m/s
Actuating torque, minimum	0.2 Nm
Positive break torque	0.6 Nm

Mechanical data - Connection technique

Terminal Connector

Connector M12, 4-pole

Mechanical data - Dimensions

Length of sensor 16.6 mm

Width of sensor 31 mm

Height of sensor 83.6 mm

Diameter of Castor 12 mm

Ambient conditions

Degree of protection IP66
IP67

Ambient temperature, minimum -30 °C

Ambient temperature, maximum +80 °C

Ambient conditions - Insulation value

Rated insulation voltage U_i 300 V

Rated impulse withstand voltage U_{imp} 2.5 kV

Electrical data

Thermal test current 2.5 A

Required rated short-circuit current to EN 60947-5-1 400 A

Utilisation category AC-15 240 VAC

Utilisation category AC-15 1.5 A

Utilisation category DC-13 24 VDC

Utilisation category DC-13 1.5 A

Switching element NO contact, NC contact

Switching principle	Snap switch element
Bounce duration, maximum	3 ms
Switching frequency	5,000 /h
Switchover time, maximum	5.5 ms

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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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