



PS116-T11-ST-R200

- connector plug M12, bottom
- Slow action 1 Normally open contact (NO) / 1 Opener (NC)
- Thermoplastic enclosure
- Symmetric enclosure
- Protection class IP66, IP67
- plastic roller Ø 9,5 mm

Data

Ordering data

EAN (European Article Number)	4030661442853
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	c
Enclosure material	Plastic, glass-fibre reinforced thermoplastic, zinc die-cast, chromated
Material of the contacts, electrical	Silver
Gross weight	60.1 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	Roller plunger R200
Mechanical life, minimum	10,000,000 Operations
Actuating force, minimum	10 N
Positive break force, minimum	40 N
Actuating speed, minimum	60 mm/min
Actuating speed, maximum	0.5 m/s

Mechanical data - Connection technique

Terminal Connector	Connector M12, 4-pole
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Wire cross-section	0.5 mm ²
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Mechanical data - Dimensions

Length of sensor	16.6 mm
Width of sensor	31 mm
Height of sensor	74.1 mm
Diameter of Castor	9.5 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	1,000 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	Creep circuit element
Bounce duration, maximum	3 ms

Switching frequency	5,000 /h
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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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