



PS316-T12-J300

- thermoplastic enclosure with foldable latching cover
- Quick connection technology as connection terminals rotated by 45°
- Simple and quick to adjust the control elements by 45°.
- cable entry 1 x M20 x 1,5
- Design to EN 50041
- Lever angle adjustable in 15° steps
- length adjustable in 2 mm steps

Data

Ordering data

EAN (European Article Number) 4030661502618

Approval - Standards

Certificates cULus
CCC
EAC

General data

| | |
|--------------------------------------|---------------------------------|
| Standards | IEC 60947-5-1 |
| Housing construction form | Norm construction design |
| Enclosure material | Plastic, glass-fibre-reinforced |
| Material of the contacts, electrical | Silver |
| Gross weight | 158 g |

General data - Features

Number of auxiliary contacts 1

Number of safety contacts 2

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

Mechanical data

Actuating element Rod lever J300

Mechanical life, minimum 10,000,000 Operations

Positive break force, minimum 50 N

Actuating speed, minimum 60 mm/min

Actuating speed, maximum 1 m/s

Mechanical data - Connection technique

Terminal Connector Screw connection

Cable section, minimum 0.34 mm²

Cable section, maximum 1.5 mm²

Mechanical data - Dimensions

Length of sensor 37 mm

Width of sensor 41 mm

Height of sensor 192 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} | 4 kV |

Electrical data

| | |
|--|-----------------------------|
| Thermal test current | 5 A |
| Required rated short-circuit current to EN 60947-5-1 | 400 A |
| Utilisation category AC-15 | 240 VAC |
| Utilisation category AC-15 | 3 A |
| Utilisation category DC-13 | 24 VDC |
| Utilisation category DC-13 | 3 A |
| Switching element | 1 NO contact, 2 NC contacts |
| Switching principle | Creep circuit element |
| Switching frequency | 5,000 /h |

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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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