



## PS316-Z11-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) 4030661502984

### 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                         | 155.4 g                         |

## General data - Features

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

## Mechanical data

Actuating element Rod lever J300

Mechanical life, minimum 10,000,000 Operations

Positive break force, minimum 50 N

Actuating speed, minimum 10 mm/min

Actuating speed, maximum 1 m/s

## Mechanical data - Connection technique

Terminal Connector Screw connection

Cable section, minimum 0.34 mm<sup>2</sup>

Cable section, maximum 1.5 mm<sup>2</sup>

## Mechanical data - Dimensions

Length of sensor 37 mm

Width of sensor 41 mm

Height of sensor 192 mm

## Ambient conditions

|                              |              |
|------------------------------|--------------|
| Degree of protection         | IP66<br>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                                 | 10 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, 1 NC contacts |
| Switching principle                                  | Snap switch 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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