



## PS226-Z11-K240

- 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 2 x M20 x 1,5
- Design to EN 50047
- LED version available

## Data

### Ordering data

|                               |                |
|-------------------------------|----------------|
| Product type description      | PS226-Z11-K240 |
| Article number (order number) | 103015061      |
| EAN (European Article Number) | 4030661501802  |
| eCl@ss number, version 9.0    | 27-27-26-01    |
| eCl@ss number, version 11.0   | 27-27-26-01    |
| eCl@ss number, version 12.0   | 27-27-26-01    |
| ETIM number, version 7.0      | EC000030       |
| ETIM number, version 6.0      | EC000030       |

### Approvals - Standards

|              |                     |
|--------------|---------------------|
| Certificates | cULus<br>CCC<br>EAC |
|--------------|---------------------|

### General data

|                           |                          |
|---------------------------|--------------------------|
| Standards                 | EN IEC 60947-5-1         |
| Housing construction form | Norm construction design |

|                                      |                                 |
|--------------------------------------|---------------------------------|
| Enclosure material                   | Plastic, glass-fibre-reinforced |
| Material of the contacts, electrical | Silver                          |
| Gross weight                         | 87 g                            |

## General data - Features

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

## Safety classification

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

## Safety classification - Safety outputs

|                                               |                       |
|-----------------------------------------------|-----------------------|
| B <sub>10D</sub> Normally-closed contact (NC) | 20,000,000 Operations |
|-----------------------------------------------|-----------------------|

## Mechanical data

|                               |                         |
|-------------------------------|-------------------------|
| Actuating element             | Angle roller lever K240 |
| Mechanical life, minimum      | 10,000,000 Operations   |
| Positive break force, minimum | 40 N                    |
| Actuating speed, minimum      | 10 mm/min               |
| Actuating speed, maximum      | 1 m/s                   |

## Mechanical data - Connection technique

|                        |                           |
|------------------------|---------------------------|
| Termination            | Screw terminals M20 x 1.5 |
| Cable section, minimum | 0.34 mm <sup>2</sup>      |
| Cable section, maximum | 1.5 mm <sup>2</sup>       |

## Mechanical data - Dimensions

|                  |        |
|------------------|--------|
| Length of sensor | 33 mm  |
| Width of sensor  | 59 mm  |
| Height of sensor | 107 mm |

## Ambient conditions

|                              |              |
|------------------------------|--------------|
| Degree of protection         | IP67<br>IP66 |
| Ambient temperature, minimum | -30 °C       |
| Ambient temperature, maximum | +80 °C       |

## Ambient conditions - Insulation values

|                                           |       |
|-------------------------------------------|-------|
| 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 action                 |
| Switching frequency                                  | 5,000 /h                    |

K.A. Schmersal GmbH & Co. KG, Möddinghofe 30, 42279 Wuppertal

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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