



PS226-Z12-K200

- 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

Data

Ordering data

EAN (European Article Number) 4030661501406

Approval - Standards

Certificates cULus
CCC
EAC

General data

Standards IEC 60947-5-1
Housing construction form Norm construction design
Actuator type to DIN EN 50047 e
Enclosure material Plastic, glass-fibre-reinforced
Material of the contacts, electrical Silver
Gross weight 86.7 g

General data - Features

Safety functions	Yes
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	Offset roller lever K200
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

Terminal Connector	Screw connection
Cable section, minimum	0.34 mm ²
Cable section, maximum	1.5 mm ²

Mechanical data - Dimensions

Length of sensor	33 mm
Width of sensor	59 mm

Height of sensor 95 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 Snap switch element

Switching frequency 5,000 /h

Schmersal, Inc., 15 Skyline Drive, Hawthorne, NY 10532

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.

Generated on: 11/9/2021, 11:22 AM