



## PS216-Z02-S200

- 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 50047
- LED version available

## Data

### Approvals - Standards

Certificates	cULus CCC
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### General data

Standards	EN IEC 60947-5-1
Housing construction form	Norm construction design
Actuator type to EN 50047	B
Enclosure material	Plastic, glass-fibre-reinforced
Gross weight	190 g

### General data - Features

Safety functions	Yes
Number of safety contacts	2

## Safety classification

Mission time	20 Year(s)
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## Safety classification - Safety outputs

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

Actuating element	plunger S200
Position of the cable gland	bottom
Mechanical life, minimum	10,000,000 Operations
Positive break force, minimum	40 N
Actuating speed, minimum	10 mm/min
Actuating speed, maximum	0.5 m/s
Tightening torque of the fixing screws	1.2 Nm

## 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>
Tightening torque of electrical connection, minimum	0.6 Nm
Tightening torque of electrical connection, maximum	0.8 Nm

## Mechanical data - Dimensions

Length of sensor	32.5 mm
Width of sensor	31 mm
Height of sensor	75.5 mm

## Ambient conditions

Degree of protection	IP67 IP66
Ambient temperature	-30 ... +80 °C
Protection class	II

## Ambient conditions - Insulation values

Rated insulation voltage $U_i$	250 VAC
Rated impulse withstand voltage $U_{imp}$	4 kV
Degree of pollution	3

## Electrical data

Thermal test current	10 A
Required rated short-circuit current	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	2 NC contact
Switching principle	Snap action
Switching frequency	5,000 /h
Material of the contacts, electrical	Silver

## Pictures

### Product picture (catalogue individual photo)

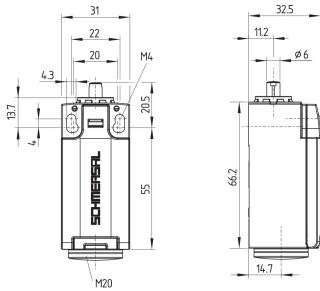


ID: kps2sf02

| 842.9 kB | .jpg | 352.778 x 647.7 mm - 1000 x 1836 px - 72 dpi

| 54.2 kB | .png | 74.083 x 135.819 mm - 210 x 385 px - 72 dpi

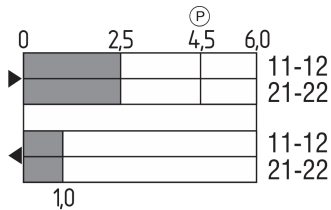
## Dimensional drawing basic component



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| 125.8 kB | .jpg | 352.778 x 315.031 mm - 1000 x 893 px - 72 dpi

## Switch travel diagram

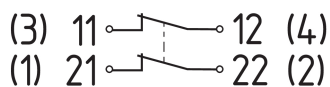


ID: kps11s02

| 2.1 kB | .png | 74.083 x 47.625 mm - 210 x 135 px - 72 dpi

| 71.4 kB | .jpg | 352.778 x 226.483 mm - 1000 x 642 px - 72 dpi

## Diagram



ID: kps2xk08

| 56.1 kB | .jpg | 352.778 x 110.067 mm - 1000 x 312 px - 72 dpi

| 2.6 kB | .png | 74.083 x 22.931 mm - 210 x 65 px - 72 dpi

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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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