



PS116-T11-L200-K210

- Pre-wired cable bottom, 2
- Slow action 1 Normally open contact (NO) / 1 Opener (NC)
- Thermoplastic enclosure
- Symmetric enclosure
- Protection class IP66, IP67
- Actuator heads can be repositioned by 8 x 45°

Data

Approvals - Standards

Certificates	cURus CCC
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General data

Standards	EN IEC 60947-5-1
Terminal (mechanical)	bottom
Housing construction form	Norm construction design
Actuator type to EN 50047	e
Enclosure material	Plastic, glass-fibre reinforced thermoplastic, zinc die-cast, chromated
Active area	Metal film
Gross weight	172 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 _{10D} Normally-closed contact (NC)	20,000,000 Operations
B _{10D} Normally open contact (NO)	1,000,000 Operations
Note (B _{10D} Normally open contact (NO))	at 10% I _e and ohmic load

Mechanical data

Actuating element	Offset roller lever K210
Mechanical life, minimum	10,000,000 Operations
Actuating force, minimum	11 N
Positive break force, minimum	40 N
Actuating speed, minimum	60 mm/min
Actuating speed, maximum	1 m/s
Actuating torque, minimum	0.2 Nm
Positive break torque	0.6 Nm

Mechanical data - Connection technique

Termination	Pre-wired cable Cable, 4-pole
Length of cable	2 m
Wire cross-section	0.5 mm ²
Cable type	LiYY

Mechanical data - Dimensions

Length of sensor	16.6 mm
Width of sensor	31 mm
Height of sensor	79 mm

Diameter of Castor	14 mm
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Ambient conditions

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

Ambient conditions - Insulation values

Rated insulation voltage U_i	300 V
Rated impulse withstand voltage U_{imp}	4 kV
Degree of pollution	3

Electrical data

Required rated short-circuit current	400 A
Utilisation category AC-15	240 VAC
Utilisation category DC-13	24 VDC
Utilisation category DC-13	1.5 A
Switching element	1 NO contact, 1 NC contacts
Switching principle	Slow action
Bounce duration, maximum	3 ms
Switching frequency	5,000 /h
Switchover time, maximum	5.5 ms
Material of the contacts, electrical	Silver

Pictures

Product picture (catalogue individual photo)

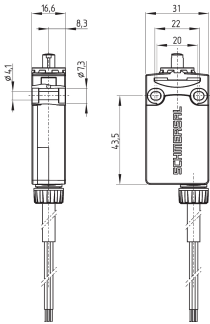


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| 631.4 kB | .jpg | 352.778 x 730.603 mm - 1000 x 2071 px - 72 dpi

| 42.4 kB | .png | 74.083 x 153.458 mm - 210 x 435 px - 72 dpi

Dimensional drawing basic component



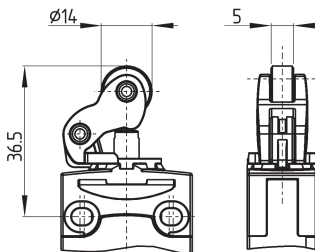
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| 271.3 kB | .ai | 200 x 200 mm - 566 x 566 px - 72 dpi

| 6.3 kB | .png | 74.083 x 113.242 mm - 210 x 321 px - 72 dpi

| 199.2 kB | .jpg | 352.425 x 539.75 mm - 999 x 1530 px - 72 dpi

Dimensional drawing actuator

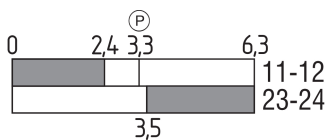


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| 3.8 kB | .png | 74.083 x 59.267 mm - 210 x 168 px - 72 dpi

| 171.7 kB | .jpg | 352.778 x 281.869 mm - 1000 x 799 px - 72 dpi

Switch travel diagram

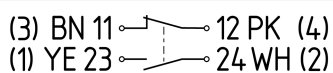


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| 1.8 kB | .png | 74.083 x 30.339 mm - 210 x 86 px - 72 dpi

| 51.8 kB | .jpg | 352.778 x 144.992 mm - 1000 x 411 px - 72 dpi

Diagram



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| 1.3 MB | .cdr |

| 52.0 kB | .jpg | 352.778 x 64.206 mm - 1000 x 182 px - 72 dpi

| 2.5 kB | .png | 74.083 x 13.406 mm - 210 x 38 px - 72 dpi

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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