



PS116-T12-L200-H200

- Symmetric enclosure
- Thermoplastic enclosure
- Pre-wired cable bottom, 2
- Protection class IP66, IP67
- Lever angle adjustable in 15° steps
- Actuator heads can be repositioned by 8 x 45°
- Slow action 1 Normally open contact (NO) / 2 Opener (NC)

Data

Ordering data

	PS116-T12-L200-H200
	103006649
EAN (European Article Number)	4030661442808
eCl@ss number, Version 9.0	27-27-26-01

Approval - Standards

cULus
CCC
EAC

General data

Product name	PS116 roller lever H200
	IEC 60947-5-1
Terminal (mechanical)	bottom
Housing construction form	Norm construction design
Actuator type to DIN EN 50047	A
Enclosure material	Plastic, glass-fibre reinforced thermoplastic, zinc die-cast, chromated
Material of the contacts, electrical	Silver
Gross weight	260 g

General data - Features

Safety functions	Yes
Number of auxiliary contacts	1
Number of safety contacts	2

Safety appraisal

	ISO 13849-1
Mission Time	20 Year(s)

Safety appraisal - Safety outputs

B10d Normally-closed contact (NC)	20,000,000 Operations
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Mechanical data

Actuating element	Roller lever H200
Mechanical life, minimum	10,000,000 Operations
Actuating speed, minimum	492 mm/min
Actuating speed, maximum	1 m/s
Actuating torque, minimum	0.2 Nm
Positive break torque	0.6 Nm

Mechanical data - Connection technique

Terminal Connector	Cable, 6-pole
Length of cable	2 m
Wire cross-section	0.5 mm ² LiYY

Mechanical data - Dimensions

Height of sensor	101 mm
Length of sensor	16.6 mm
Width of sensor	31 mm
Diameter of Castor	16 mm
Length of the lever	24 mm

Ambient conditions

	IP66
	IP67
Ambient temperature, minimum	-30 °C
Ambient temperature, maximum	+80 °C

Ambient conditions - Insulation value

Rated impulse withstand voltage 4 kV

Electrical data

Thermal test current	5 A
Required rated short-circuit current to EN 60947-5-1	1,000 A
Utilisation category AC-15	240 VAC
Utilisation category AC-15	3 A
Utilisation category DC-13	24 VDC
Utilisation category DC-13	1.5 A
Switching element	NO contact, NC contact
Switching principle	Creep circuit element
Bounce duration, maximum	3 ms
Switching frequency	5,000 /h
Switchover time, maximum	5.5 ms

Ordering code

Product type description:

PS116-(1)-(2)-(3)-(4)

(1)

Z11	Snap action 1 NO contact / 1 NC contact
Z02	Snap action 2 NC contacts
Z12	Snap action 1 NO contact / 2 NC contact
Z11R	Snap action 1 NO contact / 1 NC contact with latching
Z02R	Snap action 2 NC contacts with latching
Z12R	Snap action 1 NO contact / 2 NC contact with latching
T11	Slow action 1 NO contact / 1 NC contact
T02	Slow action 2 NC contacts
T20	Slow action 2 NO contact
T12	Slow action 1 NO contact / 2 NC contact
T21	Slow action 2 NO contact / 1 NC contact
T03	Slow action 3 NC contacts
T11UE	Slow action 1 NO contact / 1 NC contact with overlapping contacts
T02H	Slow action 2 NC contacts with staggered contacts

(2)

L200	Connecting cable bottom, cable length 2 m
LR200	Connecting cable right, cable length 2 m

STR Connector plug M12, right

(3)

S200 plunger S200 Ø 6 mm

R200 Roller plunger R200

K200 Offset roller lever - plastic roller- width 5.3 mm - Ø 12 mm

K210 Offset roller lever - plastic roller- width 5mm - Ø 14mm

K230 Angle roller lever - plastic roller Ø 14 mm

K240 Angle roller lever with plastic roller Ø 22 mm - right-bent

K250 Angle roller lever with plastic roller Ø 22 mm - left-bent

H200 Roller lever - plastic roller Ø 16 mm - lever length 24 mm

N200 Roller lever 2 mm Toothing (24...26mm) - Plastic roller Ø 20 mm - Width 9.8 mm

J200 Rod lever - plastic - 200mm - Ø 6mm

(4)

0 Material Castor/Lever: Plastic

1 Material Castor/Lever: Stainless steel

2 Material Castor/Lever: Brass

3 Material Castor/Lever: Aluminium

4 Material Castor/Lever: Steel

Pictures

Photo/Product/Catalogue



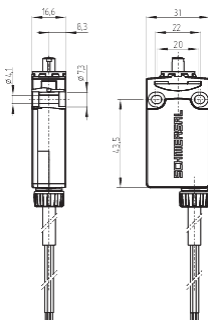
ID: kps1hf02

| 48,1 kB | .png | 74.083 x 162.278 mm - 210 x 460

Pixel - 72 dpi

| 682,3 kB | .jpg | 352.778 x 772.936 mm - 1000 x 2191 Pixel - 72 dpi

Dimension/Product/Basic



ID: kps11g03

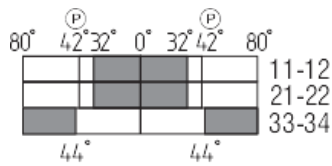
| 6,3 kB | .png | 74.083 x 113.242 mm - 210 x 321

Pixel - 72 dpi

| 199,2 kB | .jpg | 352.425 x 539.75 mm - 999 x 1530

Pixel - 72 dpi

Diagramm/Product/Travel	Diagramm	Product	Travel
Diagramm	Diagramm		
Product		Product	
Travel			Travel



ID: kps11s61

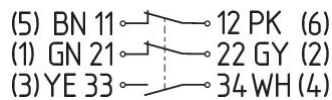
| 84,8 kB | .jpg | 352.778 x 173.919 mm - 1000 x 493

Pixel - 72 dpi

| 2,3 kB | .png | 74.083 x 36.689 mm - 210 x 104 Pixel

- 72 dpi

Graphic/Product/Contact



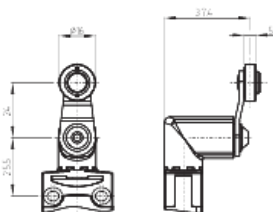
ID: kps16k09

| 84,8 kB | .jpg | 352.778 x 97.367 mm - 1000 x 276

Pixel - 72 dpi

| 1,3 MB | .cdr |

Dimension/Product/Actuator



ID: kps11b09

| 132,3 kB | .jpg | 352.778 x 267.406 mm - 1000 x 758

Pixel - 72 dpi

| 4,4 kB | .png | 74.083 x 59.267 mm - 210 x 168 Pixel

- 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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