



PS116-T03-ST-H200

- Symmetric enclosure
- Thermoplastic enclosure
- Slow action 3 Opener (NC)
- connector plug M12, bottom
- Protection class IP66, IP67
- Lever angle adjustable in 15° steps
- Actuator heads can be repositioned by 8 x 45°

Data

Ordering data

	PS116-T03-ST-H200
	103012315
EAN (European Article Number)	4030661482897
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	126 g

General data - Features

Safety functions	Yes
Number of safety contacts	3

Safety appraisal

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

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

Connector M12, 6-pole

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

0.8 kV

Electrical data

Thermal test current

2 A

Required rated short-circuit current to EN 60947-5-1

1,000 A

Utilisation category AC-15

240 VAC

Utilisation category AC-15

1.5 A

Utilisation category DC-13	24 VDC
Utilisation category DC-13	1.5 A
Switching element	Opener (NC)
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
- ST** Connector plug M12 - plastic - bottom
- 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 m - 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

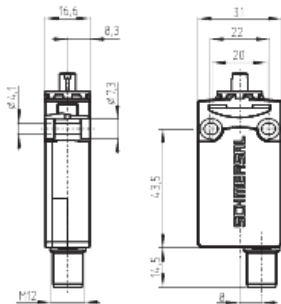


ID: kps1hf04

| 45,4 kB | .png | 74.083 x 121.708 mm - 210 x 345 Pixel - 72 dpi

| 633,8 kB | .jpg | 352.778 x 579.614 mm - 1000 x 1643 Pixel - 72 dpi

Dimension/Product/Basic

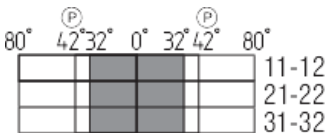


ID: kps11g02

| 4,8 kB | .png | 74.083 x 70.203 mm - 210 x 199 Pixel - 72 dpi

| 148,1 kB | .jpg | 352.778 x 333.728 mm - 1000 x 946 Pixel - 72 dpi

Diagramm/Product/Travel



ID: kps11s63

| 76,9 kB | .jpg | 352.778 x 142.875 mm - 1000 x 405 Pixel - 72 dpi

| 2,3 kB | .png | 74.083 x 29.986 mm - 210 x 85 Pixel - 72 dpi

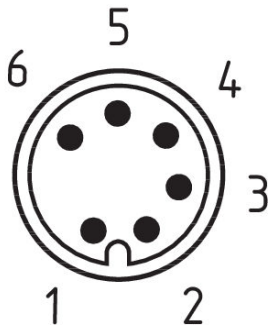
Graphic/Product/Contact

(5) BN 11 (6) 12 PK (6)
 (1) GN 21 (2) 22 GY (2)
 (3) YE 31 (4) 32 WH (4)

ID: kps16k08

| 85,4 kB | .jpg | 352.778 x 97.367 mm - 1000 x 276
 Pixel - 72 dpi
 | 1,3 MB | .cdr |

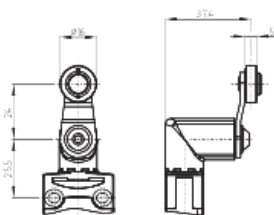
Graphic/Product/Contact



ID: km12-k6e

| 1,3 MB | .cdr |
 | 130,2 kB | .jpg | 352.778 x 386.292 mm - 1000 x
 1095 Pixel - 72 dpi

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

K.A. Schmersal GmbH & Co. KG, Möddinghofe 3, D-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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