



PS116-T11-LR200-N200

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

Data

Ordering data

	PS116-T11-LR200-N200
	103006580
EAN (European Article Number)	4030661442297
eCl@ss number, Version 9.0	27-27-06-01

Approval - Standards

cULus
CCC
EAC

General data

Product name	PS116 roller lever N200
	IEC 60947-5-1
Terminal (mechanical)	right
Housing construction form	Norm construction design
Enclosure material	Plastic, glass-fibre reinforced thermoplastic, zinc die-cast, chromated
Material of the contacts, electrical	Silver
Gross weight	200 g

General data - Features

Safety functions	Yes
------------------	-----

Number of auxiliary contacts	1
Number of safety contacts	1

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 N200
Mechanical life, minimum	10,000,000 Operations
Actuating speed, minimum	1,440 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, 4-pole
Length of cable	2 m
Wire cross-section	0.5 mm ² LiYY

Mechanical data - Dimensions

Height of sensor	139 mm
Length of sensor	16.6 mm
Width of sensor	31 mm
Diameter of Castor	20 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
- 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

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

4 Material Castor/Lever: Steel

| 69,1 kB | .jpg | 352.778 x 144.639 mm - 1000 x 410
Pixel - 72 dpi

Graphic/Product/Contact

(3) BN 11 — 12 PK (4)
(1) YE 23 — 24 WH (2)

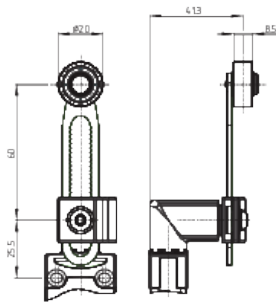
ID: kps16k06

| 1,3 MB | .cdr |

| 52,0 kB | .jpg | 352.778 x 64.206 mm - 1000 x 182

Pixel - 72 dpi

Dimension/Product/Actuator



ID: kps11b10

| 13,7 kB | .png | 74.083 x 72.672 mm - 210 x 206

Pixel - 72 dpi

| 195,0 kB | .jpg | 352.778 x 383.469 mm - 1000 x
1087 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.

Generated on 392021-01-31T02:02:39+01:000201Europe/BerlinSun, 31 Jan 2021 02:02:39

+010039amSunday.31am31Europe/BerlinCET0201Europe/BerlinJanuary2021Sun, 31 Jan 2021 02:02:39
+010001am31