



PS215-T12-R200

- Metal enclosure
- Design to EN 50047
- plastic roller Ø 9,5 mm
- cable entry 1 x M20 x 1,5
- Simple and quick to adjust the control elements by 45°.
- Quick connection technology as connection terminals rotated by 45°

Data

Ordering data

| | |
|-------------------------------|----------------|
| Product type description | PS215-T12-R200 |
| Article number (order number) | 103014983 |
| EAN (European Article Number) | 4030661501178 |

Certifications

| | |
|--------------|---------------------|
| Certificates | cULus CCC EAC |
|--------------|---------------------|

General data

| | |
|--------------------------------------|--------------------------------|
| Product name | PS215 with roller plunger R200 |
| Standards | IEC 60947-5-1 |
| Housing construction form | Norm construction design |
| Actuator type to DIN EN 50047 | C |
| Enclosure material | Metal, zinc die-cast |
| Enclosure coating material | painted |
| Material of the contacts, electrical | Silver |
| Gross weight | 206 g |

General data - Features

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

Safety appraisal

| | |
|--------------|-------------|
| Standards | 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 plunger R200 |
| Mechanical life, minimum | 10,000,000 Operations |
| Positive break force, minimum | 40 N |
| Actuating speed, minimum | 60 mm/min |
| Actuating speed, maximum | 0.5 m/s |

Mechanical data - Connection technique

| | |
|------------------------|----------------------|
| Terminal Connector | Screw connection |
| Cable section, minimum | 0.34 mm ² |
| Cable section, maximum | 1.5 mm ² |

Mechanical data - Dimensions

| | |
|------------------|---------|
| Height of sensor | 85.6 mm |
| Length of sensor | 32.5 mm |
| Width of sensor | 31 mm |

Ambient conditions

| | |
|------------------------------|--------------|
| Protection class | 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 | 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 | 1 NO contact, 2 NC contacts |
| Switching principle | Creep circuit element |
| Switching frequency | 5,000 /h |

Ordering code

Product type description:

PS2(2)-(3)-(4)-(5)-(6)-(7)-(8)-(9)-(10)-(11)-
(12)

(2)

- 5** Metal enclosure
- 216** Thermoplastic enclosure
- 226** Plastic housing with 2 cable entries

(3)

without L-hole (standard)

- L** elongated hole

(4)

- 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
- 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

(5)

without Contacts silver plated (Standard)

- A1** Gold contacts 0,3 µm
- A2** Gold contacts 1,0 µm
- A3** Gold contacts 3,0 µm

(6)

without without indication light

G integrated status display

(7)

without Cable entry M20

M16 cable entry M16

ST Connector plug M12 - plastic - bottom

STR Connector plug M12, right

STL Connector plug M 12, left

(8)

S200 plunger S200 Ø 6 mm

S210 Plunger Ø 8,6 mm

S211 Plunger Ø 10,3 mm

S221 Plunger Ø 9,8 mm

R200 Roller plunger R200

R201 Roller plunger - stainless steel roller Ø 9,5mm

R210 Roller plunger - plastic roller Ø 12mm

K201 Roller plunger - stainless steel roller - width 5,3 mm - Ø 12mm

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

K201 Roller plunger - stainless steel roller - width 5,3 mm - Ø 12mm

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

H202 Roller lever - brass roller Ø 16mm - lever length 24mm (Standard)

H230 Roller lever - plastic roller Ø 16mm - lever length 28 mm

H232 Roller lever - brass roller Ø 16mm - lever length 28 mm

H236 Roller lever - rubber roller Ø 16mm - lever length 28 mm

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

N201 Roller lever adjustable in 2 mm steps (24...66mm) - stainless steel roller Ø 20mm - width 9,8 mm

N202 Roller lever - adjustable in 2 mm steps (24...66mm) - brass roller Ø 20mm - width 9,8 mm

N210 Roller lever - adjustable in 2 mm steps (24...66mm) - plastic roller Ø 20mm - width 5 mm - long-angled - locking washer

N280 Roller lever -adjustable in 2 mm steps (24...66mm) - plastic roller Ø 20mm - width 5 mm - long - locking washer

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

J201 Rod lever - stainless steel - 200mm -Ø 6mm (Standard)

J203 Rod lever - aluminium - 200mm -Ø 6mm

F230 Spring rod - plastic

F231 Spring rod - stainless steel

A200 Special actuating bolt - plastic - valve control

(9)

without no intent rotation (Standard)

- U1** intent rotation 45°
- U2** intent rotation 90°
- U3** intent rotation 135°
- U4** intent rotation 180°
- U5** intent rotation 225°
- U6** intent rotation 275°
- U7** intent rotation 315°

(10)

without no lever rotation (Standard)

- X1** lever rotation 15°
- X2** lever rotation 30°
- X3** lever rotation 45°
- X4** lever rotation 60°
- X5** lever rotation 75°
- X6** lever rotation 90°
- X7** lever rotation 105°
- X8** lever rotation 120°
- X9** lever rotation 135°
- X10** lever rotation 150°
- X11** lever rotation 165°
- X12** lever rotation 180°
- X13** lever rotation 195°
- X14** lever rotation 210°
- X15** lever rotation 225°
- X16** lever rotation 240°
- X17** lever rotation 255°
- X18** lever rotation 270°
- X19** lever rotation 285°
- X20** lever rotation 300°
- X21** lever rotation 315°
- X22** lever rotation 330°
- X23** lever rotation 345°

(11)

without Roller outside (Standard)

- I** Roller inside

(12)

without -30...+80°C (Standard)

- T** -40...+80°C

Documents

Operating instructions (supplementary sheet/quick guide)

(552,5 kB, 10.05.2019, Revision A)

UL Certificate

(211,5 kB, 01.08.2019)

CCC certification

(3,6 MB, 10.05.2019, Revision 01)

EAC certification

SISTEMA-VDMA library

(134,9 kB, 19.06.2019)

Pictures

Product picture (catalogue individual photo)



ID: kps2rf01

| 1,2 MB | .jpg | 352.778 x 705.203 mm - 1000 x 1999
Pixel - 72 dpi

| 121,2 kB | .jpg | 27.093 x 54.102 mm - 320 x 639
Pixel - 300 dpi

| 73,0 kB | .png | 74.083 x 147.814 mm - 210 x 419
Pixel - 72 dpi

Product picture (catalogue individual photo)



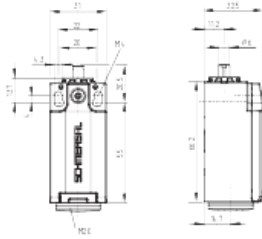
ID: kps1rf07

| 8,8 kB | .png | 74.083 x 41.628 mm - 210 x 118 Pixel
- 72 dpi

| 14,4 kB | .jpg | 27.093 x 15.24 mm - 320 x 180 Pixel -
300 dpi

| 83,8 kB | .jpg | 352.778 x 198.614 mm - 1000 x 563
Pixel - 72 dpi

Dimensional drawing basic component



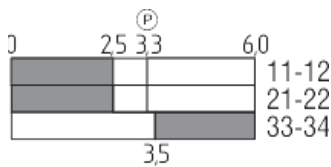
ID: kps2xg01

| 4,4 kB | .png | 74.083 x 68.086 mm - 210 x 193 Pixel
- 72 dpi

| 111,3 kB | .jpg | 352.778 x 323.85 mm - 1000 x 918
Pixel - 72 dpi

| 26,4 kB | .jpg | 112.889 x 103.717 mm - 320 x 294
Pixel - 72 dpi

Switch travel diagram

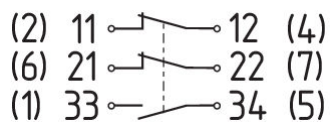


ID: kps11s07

| 2,0 kB | .png | 74.083 x 36.689 mm - 210 x 104 Pixel
- 72 dpi

| 18,3 kB | .jpg | 112.889 x 55.739 mm - 320 x 158
Pixel - 72 dpi

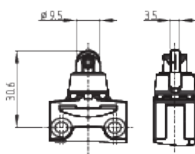
Diagram



ID: kps2xk02

| 24,0 kB | .jpg | 112.889 x 47.272 mm - 320 x 134
Pixel - 72 dpi

Dimensional drawing actuator



ID: kps11b02

| 143,9 kB | .jpg | 352.778 x 272.344 mm - 1000 x 772
Pixel - 72 dpi

| 6,6 kB | .png | 74.083 x 49.389 mm - 210 x 140 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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