

PS215-T12-J200

Data

Ordering data	
Product type description	PS215-T12-J200
Article number (order number)	103015000
EAN (European Article Number)	4030661502236
Certifications	
Certificates	cULus CCC EAC
General data	
Product name	PS215 with rod lever J200
Standards	IEC 60947-5-1
Housing construction form	Norm construction design
Enclosure material	Metal, zinc die-cast
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Gross weight	259 g
General data - Features	
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	Rod lever J200
Mechanical life, minimum	10,000,000 Operations
Positive break force, minimum	40 N
Actuating speed, minimum	60 mm/min
Actuating speed, maximum	1 m/s
Mechanical data - Connection technique	
Terminal Connector	Screw connection
Cable section, minimum	0.34 mm²
Cable section, maximum	1.5 mm²
Mechanical data - Dimensions	
Height of sensor	180.5 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)

EC Declaration of conformity

(88,5 kB, 10.05.2019, Revision A)

CCC certification

(3,6 MB, 10.05.2019, Revision 01)

EAC certification

Pictures

Product picture (catalogue individual photo)



ID: kps2jf01

| 63,5 kB | .png | 74.083 x 188.031 mm - 210 x 533 Pixel - 72 dpi
| 106,1 kB | .jpg | 27.093 x 68.834 mm - 320 x 813 Pixel - 300 dpi
| 1,0 MB | .jpg | 352.778 x 896.056 mm - 1000 x 2540 Pixel - 72 dpi

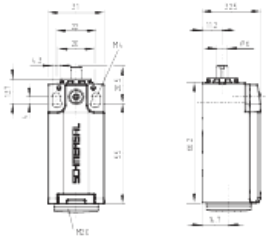
Product picture (catalogue individual photo)



ID: kps1jf07

| 50,5 kB | .jpg | 27.093 x 81.703 mm - 320 x 965 Pixel - 300 dpi
| 377,2 kB | .jpg | 352.778 x 1063.625 mm - 1000 x 3015 Pixel - 72 dpi
| 30,0 kB | .png | 74.083 x 223.308 mm - 210 x 633 Pixel - 72 dpi

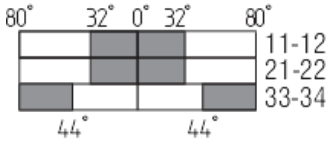
Dimensional drawing basic component



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

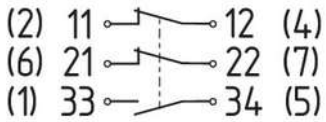
Switch travel diagram



ID: kps11s70

| 2,1 kB | .png | 74.083 x 33.867 mm - 210 x 96 Pixel - 72 dpi
| 19,7 kB | .jpg | 112.889 x 51.506 mm - 320 x 146 Pixel - 72 dpi

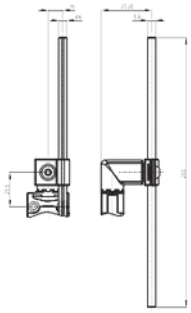
Diagram



ID: kps2xk02

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

Dimensional drawing actuator



ID: kps11b11

| 161,7 kB | .jpg | 352.425 x 589.139 mm - 999 x 1670 Pixel - 72 dpi
| 4,3 kB | .png | 74.083 x 111.478 mm - 210 x 316 Pixel - 72 dpi