

PS226-T11-H200

- **Design to EN 50047**
- **cable entry 2 x M20 x 1,5**
- **thermoplastic enclosure with foldable latching cover**
- **Simple and quick to adjust the control elements by 45°.**
- **Quick connection technology as connection terminals rotated by 45°**

Data

Ordering data	
	PS226-T11-H200
	103015090
EAN (European Article Number)	4030661502052
Approval - Standards	
	cULus CCC EAC
General data	
Product name	PS226 with roller lever H200
	IEC 60947-5-1
Housing construction form	Norm construction design
Actuator type to DIN EN 50047	A
Enclosure material	Plastic, glass-fibre-reinforced
Material of the contacts, electrical	Silver
Gross weight	134.3 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 H200
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
	0.34 mm²
	1.5 mm²
Mechanical data - Dimensions	
Height of sensor	112.5 mm
Length of sensor	33 mm
Width of sensor	59 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	10 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, 1 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)

(1)

without non-EX version
EX Types of protection Ex d and t, to Zone 1/21
EXI Types of protection Ex i and t, up to Zone 1/21

(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
Z01R Snap action 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
T11K Slow action 1 NO contact + 1 NC contact - short-stroke
T10 Slow action 1 NO contact
T02K Slow action 2 NO contacts short-stroke
T20H Slow action 2 NO contacts staggered

(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

STM Connector plug M12, metal

(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

K211 Offset roller lever - stainless steel roller - width 5mm - Ø 14mm

K220 Offset roller lever - plastic roller- width 7.6 mm - Ø 14 mm

K230 Angle roller lever - plastic roller Ø 14 mm

K231 Roller plunger - stainless steel roller Ø 14mm (Standard)

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

N206 Roller lever - adjustable in 2 mm steps (24...66mm) - rubber roller Ø 50mm - width 16 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 - stainless steel - 150.4 mm

F231 Spring rod - stainless steel - 70.2 mm

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

(13)

(14)

without Zone 2 and 22

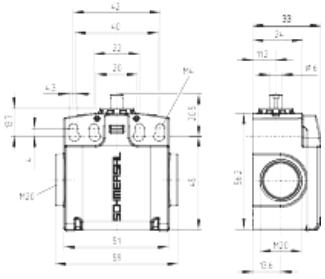
3GD Zone 2 and 22

2D Zone 21

3D Zone 22

Pictures

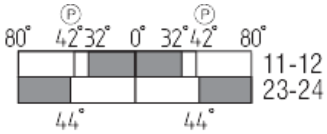
Photo/Product/Catalogue	
	ID: kps2hf03 | 44,7 kB | .png | 74.083 x 107.95 mm - 210 x 306 Pixel - 72 dpi | 703,3 kB | .jpg | 352.778 x 515.056 mm - 1000 x 1460 Pixel - 72 dpi
Photo/Product/Catalogue	
	ID: kps1hf07 | 182,4 kB | .jpg | 352.778 x 292.453 mm - 1000 x 829 Pixel - 72 dpi | 18,8 kB | .png | 74.083 x 61.383 mm - 210 x 174 Pixel - 72 dpi
Dimension/Product/Basic	



ID: kps2xg04

| 167,8 kB | .jpg | 352.778 x 304.447 mm - 1000 x 863 Pixel - 72 dpi
| 6,5 kB | .png | 74.083 x 63.853 mm - 210 x 181 Pixel - 72 dpi

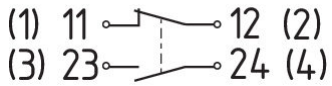
Diagramm/Product/Travel



ID: kps11s58

| 2,1 kB | .png | 74.083 x 30.339 mm - 210 x 86 Pixel - 72 dpi
| 69,1 kB | .jpg | 352.778 x 144.639 mm - 1000 x 410 Pixel - 72 dpi

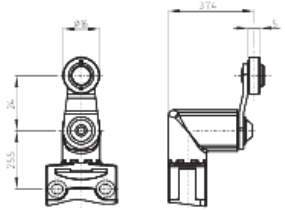
Graphic/Product/Contact



ID: kps2xk09

| 57,7 kB | .jpg | 352.778 x 110.067 mm - 1000 x 312 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.
Generated on 442021-01-31T02:44:44+01:000201Europe/BerlinSun, 31 Jan 2021 02:44:44 +010044amSunday.31am31Europe/BerlinCET4401Europe/BerlinJanuary2021Sun, 31 Jan 2021 02:44:44 +010001am31