

## PS116-T02H-LR200-S200



- Symmetric enclosure
- Thermoplastic enclosure
- Pre-wired cable right, 2
- Protection class IP66, IP67
- Slow action 2 Opener (NC) with Staggered contacts

### Data

#### Ordering data

|                               |                       |
|-------------------------------|-----------------------|
|                               | PS116-T02H-LR200-S200 |
|                               | 103006584             |
| EAN (European Article Number) | 4030661442334         |
| eCl@ss number, Version 9.0    | 27-27-26-01           |

#### Approval - Standards

CCC  
EAC

#### General data

|                                      |                                                                         |
|--------------------------------------|-------------------------------------------------------------------------|
| Product name                         | PS116 plunger S200                                                      |
|                                      | IEC 60947-5-1                                                           |
| Terminal (mechanical)                | right                                                                   |
| Housing construction form            | Norm construction design                                                |
| Actuator type to DIN EN 50047        | B                                                                       |
| Enclosure material                   | Plastic, glass-fibre reinforced thermoplastic, zinc die-cast, chromated |
| Material of the contacts, electrical | Silver                                                                  |
| Gross weight                         | 130 g                                                                   |

#### General data - Features

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

## 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

plunger S200

Mechanical life, minimum

10,000,000 Operations

Actuating force, minimum

10 N

Positive break force, minimum

40 N

Actuating speed, minimum

60 mm/min

Actuating speed, maximum

1 m/s

## Mechanical data - Connection technique

Terminal Connector

Cable, 4-pole

Length of cable

2 m

Wire cross-section

0.5 mm<sup>2</sup>

LiYY

## Mechanical data - Dimensions

Height of sensor

64 mm

Length of sensor

16.6 mm

Width of sensor

31 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        | Slow action with staggered contacts |
| 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



ID: kps16k04

(3) BN 11  12 PK (4)  
(1) GN 21  22 GY (2)

| 56,6 kB | .jpg | 352.778 x 62.442 mm - 1000 x 177  
Pixel - 72 dpi  
| 1,3 MB | .cdr |

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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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