



PS215-T02-K230

- Metal enclosure
- Design to EN 50047
- Quick connection technology as connection terminals rotated by 45°
- Simple and quick to adjust the control elements by 45°.
- cable entry 1 x M20 x 1,5
- Actuation from bottom parallel to the switch, therefore only suitable for small housings.

Data

Ordering data

EAN (European Article Number)

4030661501574

Approval - Standards

Certificates

cULus
CCC
EAC

General data

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

217.6 g

General data - Features

Safety functions	Yes
Number of safety contacts	2

Safety appraisal

Standards	EN 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	Angle roller lever K230
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 mm ²
Cable section, maximum	1.5 mm ²

Mechanical data - Dimensions

Length of sensor	32.5 mm
Width of sensor	31 mm

Height of sensor	93.5 mm
------------------	---------

Ambient conditions

Degree of protection	IP66 IP67
Ambient temperature, minimum	-30 °C
Ambient temperature, maximum	+80 °C

Ambient conditions - Insulation value

Rated insulation voltage U_i	300 V
Rated impulse withstand voltage U_{imp}	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	2 NC contact
Switching principle	Creep circuit element
Switching frequency	5,000 /h

Schmersal, Inc., 15 Skyline Drive, Hawthorne, NY 10532

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: 11/9/2021, 11:07 AM