



PS215-Z02A1-R200

- 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
- plastic roller Ø 9,5 mm
- LED version available

Data

Ordering data

Product type description	PS215-Z02A1-R200
Article number (order number)	103028204
EAN (European Article Number)	4030661529325
eCl@ss number, version 9.0	27-27-26-01
eCl@ss number, version 11.0	27-27-26-01
eCl@ss number, version 12.0	27-27-26-01
ETIM number, version 7.0	EC000030
ETIM number, version 6.0	EC000030

Approvals - Standards

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

General data

Standards	EN 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	CU/AU 03
Gross weight	204 g

General data - Features

Safety functions	Yes
Number of safety contacts	2

Safety classification

Standards	EN ISO 13849-1
Mission time	20 Year(s)

Safety classification - Safety outputs

B _{10D} 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	10 mm/min
Actuating speed, maximum	0.5 m/s

Mechanical data - Connection technique

Termination	Screw terminals M20 x 1.5
Cable section, minimum	0.34 mm²
Cable section, maximum	1.5 mm²

Mechanical data - Dimensions

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

Ambient conditions

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

Ambient conditions - Insulation values

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	Snap action
Switching frequency	5,000 /h

K.A. Schmersal GmbH & Co. KG, Möddinghofe 30, 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: 26/08/2022, 12:01