DATASHEET

PS315-T12-S300

- Metal enclosure
- 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
- Design to EN 50041

Data

Ordering data

EAN (European Article Number)	4030661502373

Approval - Standards

Certificates	cULus CCC EAC

General data

Standards	IEC 60947-5-1
Housing construction form	Norm construction design
Actuator type to DIN EN 50047	B
Enclosure material	Metal, zinc die-cast
Enclosure coating material	painted
Material of the actuator	Plastic
Material of the contacts, electrical	Silver

Gross weight	343 g

General data - Features

Safety functions	Yes
Number of auxiliary contacts	1
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	Plunger S300
Mechanical life, minimum	10,000,000 Operations
Positive break force, minimum	50 N
Actuating speed, minimum	60 mm/min
Actuating speed, maximum	0.5 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	37 mm
Width of sensor	41 mm
Height of sensor	104 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	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