

7551 7552

CROSS POSITION LIMIT SWITCHES

7551 and 7552 position limit switches are designed for the control of complex operating machinery. As they are control auxiliaries, they act on a power interface. The choice of materials, technical solutions and ample size make these limit switches ideal for use in strongly aggressive environments where they are exposed to the most severe operating conditions, guaranteeing impeccable function at all times and for their entire life.

FEATURES

7551 and 7552 limit switches are equipped with 4 fastening holes and 3 outputs for cable clamps to reduce installation time and facilitate wiring operations.

MATERIALS

The enclosure is made of die-cast aluminum alloy and is resistant to any violent impact, chemical aggression and rust, while the bushings in sinterized material eliminate the need for any operations of routine maintenance of the head, since they are also made of impact-resistant zama.



**INDUSTRIAL
LIFTING**



**CONSTRUCTION
LIFTING**



**INDUSTRIAL
AUTOMATION**

STANDARDS - MARKINGS - HOMOLOGATIONS

- Conformity to Community Directives:

2006/95/CE: Low Voltage Directive

2006/42/CE: Machinery Directive

- Conformity to Standards:

EN 60204-1 Safety of machinery - Electrical equipment of machines

EN 60947-1 Low-voltage switchgear and controlgear

EN 60947-5-1 Low-voltage switchgear and controlgear - Control circuit devices and switching elements - Electromechanical control circuit devices

EN 60529 Degrees of protection provided by enclosures

- Markings and homologations: **CE**

GENERAL TECHNICAL SPECIFICATIONS

- Storage ambient temperature: -40°C/+70°C

- Operational ambient temperature: -40°C/+70°C

- Protection degree: IP66 max. with dedicated cable clamp M20

- Insulation category: Class I

- Cable entry: cable clamp M20

- Operation frequency: 3600 operations/hour max

- Markings and homologations: **CE ENEC**

TECHNICAL SPECIFICATIONS OF THE MICROSWITCHES

- Utilisation category: AC 15

- Rated operational current: 3 A

- Rated operational voltage: 250 V

- Rated thermal current: 10 A

- Rated insulation voltage: 300 V~


- Mechanical life: 1x10⁶ operations

- Terminal referencing: according to EN 50013

- Connections: screw-type terminals

- Wires: 1x2.5 mm², 2x1.5 mm²
(UL - (c)UL: use 60°C or 75°C copper (CU) conductor and wire 16-18 AWG)

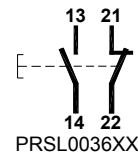
- Tightening torque: 0.8 Nm

- Markings and homologations: **CE** 

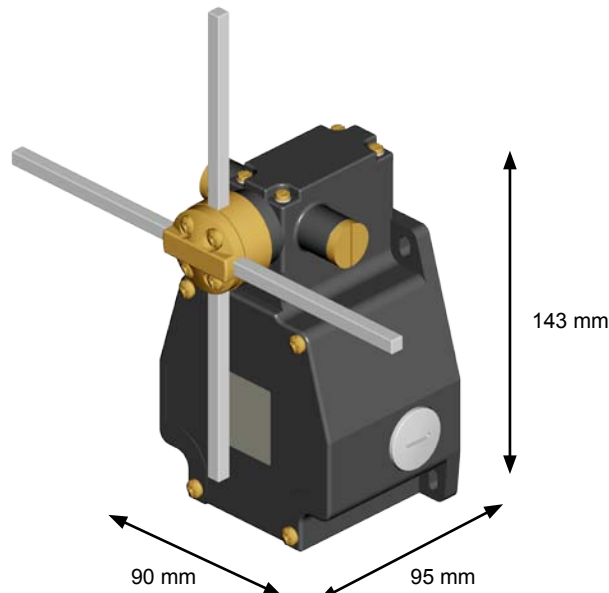
The snap action single switch PRSL0036XX has 1 NO + 1 NC change over contacts with 2 connecting terminals each.

All NC contacts are of the positive opening operation type.

The switches have the following reference for internal wiring.



OVERALL DIMENSIONS



The data and the products illustrated in this brochure may be modified without notice. Under no circumstances can their description have a contractual value.



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