

Limit switch YBLX-ME/8112, straight roller

Reference: AM6727

EAN13: -

HS code: 85365080

Product attributes:

Product features:

Voltage: 220 V DC

Voltage: 380 V AC

Max. current: 5 A



Product description:

The CHND YBLX-ME/8112 limit switch is an electromechanical position switch with a straight roller designed for end position sensing and positional motion control in industrial applications. It is used for reliable end-of-travel signaling, motion blocking, and sequence control of machine mechanisms.

Technical specifications

- Model: YBLX-ME/8112
- Control head type: straight roller
- Contacts: 1NO + 1NC
- Maximum operating force (OF): 20 N
- Maximum working stroke (PT): 5 mm
- Minimum stroke difference (OT): 2 mm
- Rated insulation voltage (Ui): 380 V
- Utilization category AC-15: Ue 380 V, Ie 0.8 A
- Utilization category DC-13: Ue 220 V, Ie 0.2 A
- Protection level: IP62
- Body dimensions: height 120 mm (max), width 28.5 mm (max), depth 28 mm (max)
- Mounting spacing: 56 mm
- Mounting holes: 2x Ø4.1 mm
- Threads for mounting/components: 2x M5
- Pulley diameter: Ø13 mm

Functions and features

- Mechanical control with a straight roller for sensing the movement of cams, stops and sliding parts
- Combination of normally closed and normally open contact (1NC + 1NO) for control and signaling
- Compact metal design suitable for industrial environments
- Suitable for control circuits in categories AC-15 and DC-13

Ideal for

- End positions of linear and rotary mechanisms
- Industrial machines, conveyors, packaging and assembly equipment
- Position signaling in automation and machine control
- Applications where mechanical travel sensing is required

Package contents

- Limit switch CHINT YBLX-ME/8112

Why choose this product?

- Standardized limit switch design for industrial use
- 1NO + 1NC contacts allow flexible wiring in control circuits
- Mechanical design with straight roller is suitable for repeated position sensing
- Clearly defined electrical usage categories AC-15 and DC-13

Installation and operating instructions

- Mount the switch on a solid surface and ensure that the control element is loaded in the prescribed direction of movement of the mechanism.
 - When connecting, verify the function of the 1NO and 1NC contacts and select the correct terminals according to the required control logic.
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- Provide suitable mechanical stops to prevent excessive stress on the controller.

Safety notice

- Installation and connection should only be carried out with the power supply disconnected and by a qualified person.
- In circuits with hazardous voltages, improper installation can cause electric shock or damage to the equipment.
- Follow the application requirements for fuses and protection against short circuits and overloads.

