

Limit switch TZ-8108, adjustable arm with roller

Reference: AM7268
EAN13: -
HS code: 85365080

Product attributes:

Product features:

Voltage: 115 V DC
Voltage: 250 V AC
Waterproof grade: IP65
Max. current: 5 A



Product description:

The CNTD TZ-8108 limit switch from the TZ-8 series is an industrial mechanical switch with an adjustable arm terminated with a roller. This design allows for smooth motion transmission, reduced friction, and flexible adjustment of the switching position, which is ideal for applications with variable motion geometry and higher durability requirements.

Technical specifications

- Type: mechanical limit switch
- Model: TZ-8108
- Controller: adjustable arm with roller
- Contact arrangement: 1× NO + 1× NC (double circuit)
- Operating speed: 5 mm/s to 0.5 m/s
- Contact resistance: max. 25 mΩ
- Insulation resistance: min. 100 MΩ (at 500 VDC)
- Dielectric strength: 1500 VAC / 1 minute
- Mechanical life: 1,000,000 cycles
- Electrical life: more than 500,000 switching cycles
- Operating temperature: -20°C to +70°C
- Relative humidity: ≤ 95% RH
- Protection: IP65
- Dimensions: 29 × 27 × 128 mm
- Weight: 155g

Rated voltages and currents

Load type	Voltage	NO contact	NC contact
Resistive (AC)	125VAC	5 A	5 A
	250VAC	5 A	5 A
	8-30 VDC	5 A	5 A
Resistive (DC)	125 VDC	0.4A	0.4A
	250 VDC	0.2A	0.2A
	125VAC	3 A	3 A
Induction (AC)	250VAC	3 A	3 A
	8-30 VDC	4 A	4 A
Inductive (DC)	125 VDC	3 A	3 A
	250 VDC	3 A	3 A
	Surge current	-	12 A

Functions and features

- Adjustable arm allows for precise adjustment of the switching point
- Roller reducing friction and mechanical wear
- Smooth operation with oblique and lateral contact
- Double spring contact mechanism for long life
- Sturdy aluminum alloy and reinforced plastic housing
- Water, dust and oil resistant (IP65)

Ideal for

- Industrial automation
- Conveyor and handling systems
- CNC and machine tools
- Packaging and assembly lines

- Variable or side-entry applications

Package contents

- Limit switch CNTD TZ-8108

Why choose this product?

- Clear table of rated voltages and currents
- Flexible switching point adjustment
- High mechanical and electrical durability
- Reliable operation in demanding industrial environments
- Proven quality of the CNTD TZ-8 series