

DESCRIÇÃO

MICRO CHAVE FIM DE CURSO

IMAGEM



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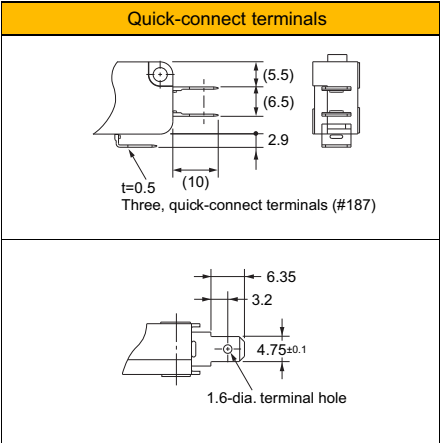
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VERSÃO

CHARACTERISTICS

Permissible operating speed		0.1mm to 1 m/s max. (pin plunger models)
Permissible operating frequency	Mechanical	600 operations/min max. (pin plunger models)
	Electrical	60 operations/min
Insulation resistance		100MΩ min. (at 500 VDC with insulation tester)
Contact resistance (initial value)		15mΩ max.
Dielectric strength	Between terminals of the same polarity	AC1,000V 50/60Hz 1min
	Between current-carrying metal parts and ground	AC1,500V 50/60Hz 1min
	Between each terminals and non-current-carrying metal parts	AC1,500V 50/60Hz 1min
Vibration resistance	Malfunction	10 to 55 Hz, 1.5-mm double amplitude
Shock resistance	Durability	1,000 m/s ² {approx. 100 G} max.
	Malfunction	300 m/s ² {approx. 30 G} max.
Durability	Mechanical	50,000,000 operations min. (60 operations/min)
	Electrical	100,000 operations min. (30 operations/min) Heat resistive: 20,000 operations min (30 operations/min)
Degree of protection		IEC IP40
Degree of protection against electric shock		Class I
Proof tracking index (PTI)		175
Ambient operating temperature		-25 to 105°C (Heat resistive: -25 to 150°C)
		(at ambient humidity of 60% max.) (with no icing or condensation)
Ambient operating humidity		85% max. (for 5 to 35°C)
Weight		Approx. 6.2g (pin plunger models)

Terminals and Apperance (Unit: mm)

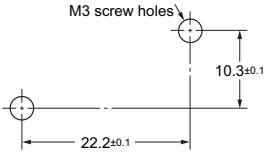


Ratings

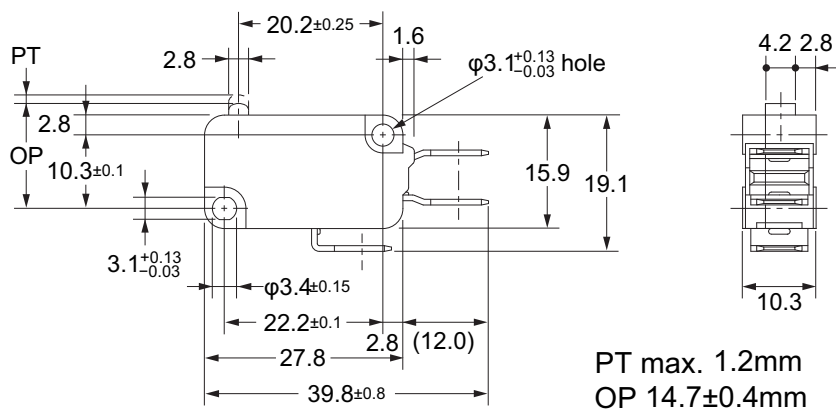
Rated voltage	Resistive load
AC250V	15 A
DC125V	0.6 A
DC250V	0.3 A

Note: (1) Ambient temperature: 20±2°C
(2) Ambient humidity: 65±5% RH
(3) Operating frequency: 30 operations/min

Mounting Holes (Unit: mm)



V-15-1C25



Technical drawing of a 100mm x 100mm x 10mm plate with a 10mm hole. The drawing shows a side view and a top view. The side view includes dimensions for the plate thickness (10.3±0.1), the hole diameter (φ3.1±0.13/-0.03), and the hole position (27.8±0.1 from the left edge, 15.9±0.1 from the bottom edge). The top view shows the plate dimensions (100±0.8 x 100±0.8) and the hole position (59.4±0.8 from the top edge, 39.8±0.8 from the right edge). The drawing also indicates a 2.8mm gap between the plate and the hole.

Dimensions:

- Plate thickness: 10.3±0.1
- Hole diameter: φ3.1^{+0.13}_{-0.03}
- Hole position (from left edge): 27.8±0.1
- Hole position (from bottom edge): 15.9±0.1
- Plate width: 100±0.8
- Plate height: 100±0.8
- Hole position (from top edge): 59.4±0.8
- Hole position (from right edge): 39.8±0.8
- Gap between plate and hole: 2.8

PT max. 9.0mm
OP 15.2^{+2.6}_{-3.2} mm

Technical drawing of a 1/2" NPT female adapter. The drawing includes a side view and a top view.

Side View Dimensions:

- Total length: 39.8 ± 0.8
- Flange thickness: 1.6
- Hole diameter: $\phi 3.1^{+0.13}_{-0.03}$
- Material thickness: $t = 0.5^*$
- Flange outer diameter: $\phi 3.4 \pm 0.15$
- Flange hole diameter: $\phi 3.1^{+0.13}_{-0.03}$
- Flange hole offset: 2.8
- Flange hole offset (alternative): 12.0
- Flange hole offset (alternative): 27.8
- Flange hole offset (alternative): 22.2 ± 0.1
- Flange hole offset (alternative): 10.3 ± 0.1
- Flange hole offset (alternative): 15.9
- Flange hole offset (alternative): 19.1
- Flange hole offset (alternative): $3.1^{+0.13}_{-0.03}$
- Flange hole offset (alternative): 2.8
- Flange hole offset (alternative): 8.1
- Flange hole offset (alternative): 34 ± 0.8

Top View Dimensions:

- Flange outer diameter: $\phi 4.8 \times 4.8^* 2$
- Flange hole diameter: $\phi 3.1^{+0.13}_{-0.03}$
- Flange hole offset: 2.8
- Flange hole offset (alternative): 12.0
- Flange hole offset (alternative): 27.8
- Flange hole offset (alternative): 22.2 ± 0.1
- Flange hole offset (alternative): 10.3 ± 0.1
- Flange hole offset (alternative): 15.9
- Flange hole offset (alternative): 19.1
- Flange hole offset (alternative): $3.1^{+0.13}_{-0.03}$
- Flange hole offset (alternative): 2.8
- Flange hole offset (alternative): 8.1
- Flange hole offset (alternative): 34 ± 0.8

Material and Finish:

- Material: $t = 0.5^*$
- Finish: $\phi 3.1^{+0.13}_{-0.03}$

PT and OP Dimensions:

- PT max. 4.0mm
- OP 20.7 ± 1.2 mm