

12 dia.



RoHS compliant

### FEATURES

#### Depth of 18.6 mm saves space.

This space-saving switch has body dimensions of 25 (W) x 14.8 (D) x 18.6 (H). (63% that of our previous T-15 series switch.)

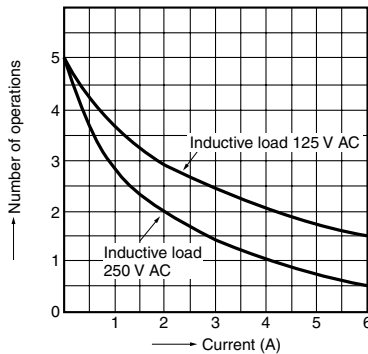
### PRECAUTIONS WHEN USING CADMIUM-FREE CONTACT TYPE

Models with cadmium-free contacts have been introduced in order to reduce environmentally harmful substances. ("F" is affixed to the end of the part number.) We ask customers who are currently using products with cadmium-containing contacts (no "F" at the end of the part number) to please make the switch to models with cadmium-free contacts. When switching, operating life may differ depending on the load. Please be sure to verify this by conducting an evaluation using actual equipment.

### DATA (Life curve)

Tested sample: T-06 series

Tested condition: 125 V AC, 250 V AC, Power factor: 0.6 and 10 cpm



### PRODUCT TYPES

#### 1) T-06 series

Number of poles	Kind of operation	Solder terminal
		Product No.
1-pole	ON-OFF	T106A-F
	ON-ON	T106D-F
2-pole	ON-OFF	T206K-F
	ON-ON	T206N-F

Remark: The product comes with standard installation accessories. However, keying washer is sold separately.

#### 2) T-03 series

Number of poles	Kind of operation	Solder terminal
		Product No.
1-pole	ON-OFF	T103A-F
	ON-ON	T103D-F
2-pole	ON-OFF	T203K-F
	ON-ON	T203N-F

Remark: The product comes with standard installation accessories. However, keying washer is sold separately.

# T06/T03

## SPECIFICATIONS

### 1. Contact rating

Kind of load	T-06 series	T-03 series
Resistive load	6A 125V AC, 6A 30V DC, 3A 250V AC	3A 125V AC, 2A 250V AC
Inductive load	6 A 125 V AC (Power factor: 0.6), 3 A 250 V AC (Power factor: 0.6)	3 A 125 V AC (Power factor: 0.6), 2 A 250 V AC (Power factor: 0.6)
Motor load (single phase)	100W 125V AC, 100W 250V AC	—

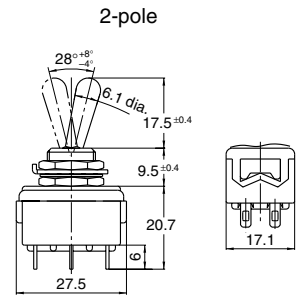
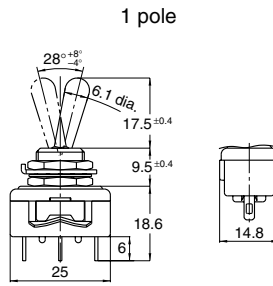
### 2. Characteristics

Mechanical expected life	Min. $5 \times 10^4$
Electrical expected life	T-06 series: Min. $3 \times 10^4$ (10 cpm) at rated load, T-03 series: Min. $10^4$ (10 cpm) at rated load
Overload life	Min. 50 (5 cpm) (Rated load $\times 1.5$ )
Insulation resistance	Min. 100 M $\Omega$ (at 500 V DC measured by insulation resistive meter)
Breakdown voltage	1500 Vrms (at detection current: 10mA)
Vibration resistance	10 to 55 Hz at double amplitude of 1.5 mm (contact opening: Max. 1 ms)
Contact resistance	Initial, Max. 20 m $\Omega$ (By voltage drop at 1 A, 2 to 4 V DC)
Actuator strength (static load)	112.7N for 1 min.
Terminal strength (static load)	24.5N for 1 min.
Ambient temperature	-25°C to +70°C
Contact material	AgZnO alloy

## ELECTRICAL CIRCUIT DIAGRAM (for T-06 and T-03 series)

Terminal arrangement (As seen from terminal side)			1-pole	2-pole
Handle position and contact terminal number	ON-OFF	Keyway	2-3	2-3, 5-6
		—	—	—
	ON-ON	Keyway	—	—
		Keyway	2-3	2-3, 5-6
		Keyway	—	—
		Keyway	1-2	1-2, 4-5
Remark			ON-OFF type does not have a terminal No. 1.	ON-OFF type does not have terminal No. 1 and 4.

**DIMENSIONS (for T-06 and T-03 series)** (mm) (General tolerance: ±0.5)



Remark: ON-OFF type does not have terminal No. 1 and 4.

**MOUNTING DIMENSIONS (for T-06 and T-03 series)**

Panel cutout (mm)			
Panel thickness	Max. 2.5 mm* (Using separately sold keying washer.)	Max. 3.5 mm	Max. 3.5 mm

Remarks: 1. For panel installations, use the back hex nut.  
 2. \* Keying washer (separately sold) Part No.: AJ3083

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