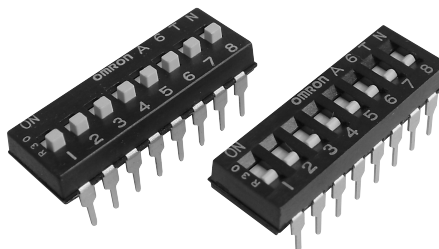


Slide DIP Switch

A6TN

Through-hole Mounting Slide DIP Switches with High Contact Reliability

- Knife-edge structure with high contact pressure mechanism assures high reliability.
- Washable, without seal tape available.
- Models with from 1 to 10 poles meet wide needs.



■ List of Models

Tube packaging

Type		Flat actuator	Raised actuator
No. of poles	Quantity per tube		
1	100	A6TN-1101	A6TN-1104
2	60	A6TN-2101	A6TN-2104
3	45	A6TN-3101	A6TN-3104
4	35	A6TN-4101	A6TN-4104
5	30	A6TN-5101	A6TN-5104
6	25	A6TN-6101	A6TN-6104
7	20	A6TN-7101	A6TN-7104
8	20	A6TN-8101	A6TN-8104
9	15	A6TN-9101	A6TN-9104
10	15	A6TN-0101	A6TN-0104

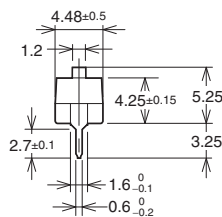
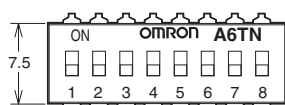
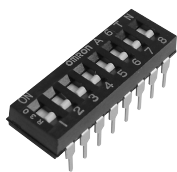
Note: Order in multiples of the package quantity.

■ Ratings/Characteristics

Rating (resistive load)	25 mA at 24 VDC 10 μ A (minimum current) at 3.5 VDC
Ambient operating temperature	-30 to +85 °C at 60% max. (with no icing or condensation)
Ambient operating humidity	35% to 95% (at +5 to +35 °C)
Insulation resistance	100 M Ω min. (at 100 VDC with insulation tester)
Contact resistance (initial value)	200 m Ω max.
Dielectric strength	300 VAC for 1 min between terminals
Vibration resistance	Malfunction: 10 to 55 Hz, 1.5-mm double amplitude
Shock resistance	Malfunction: 490 m/s ² min.
Durability	Electrical: 1,000 operations min.
Washing	Possible
Degree of protection	IEC IP40
Operating force	0.98 to 7.9 N {100 to 806 gf}
Weight	0.31 g (2 poles) 0.58 g (4 poles) 0.84 g (6 poles) 1.1 g (8 poles) 1.36 g (10 poles)

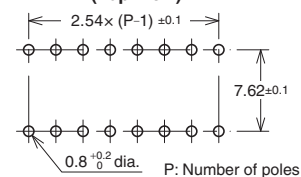
■ Dimensions (Unit: mm)

● Flat Actuator A6TN-□101

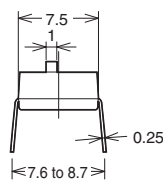
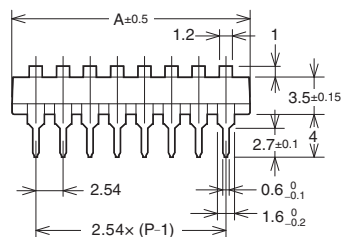
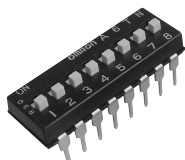


1 pole type

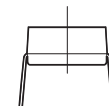
PCB Dimensions (Reference) (Top View)



● Raised Actuator A6TN-□104



Raised actuator



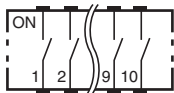
Flat actuator

No. of poles	Models		A
	Flat actuator	Raised actuator	
1	A6TN-1101	A6TN-1104	4.48
2	A6TN-2101	A6TN-2104	7.0
3	A6TN-3101	A6TN-3104	9.6
4	A6TN-4101	A6TN-4104	12.1
5	A6TN-5101	A6TN-5104	14.6
6	A6TN-6101	A6TN-6104	17.2
7	A6TN-7101	A6TN-7104	19.7
8	A6TN-8101	A6TN-8104	22.3
9	A6TN-9101	A6TN-9104	24.8
10	A6TN-0101	A6TN-0104	27.3

Note: Unless otherwise specified, a tolerance of ± 0.4 mm applies to all dimensions.

■ Internal Connection

Contact Form (Top View)



■ Precautions

Be sure to read the Safety precautions common to all DIP Switches for correct use.

Please check each region's Terms & Conditions by region website.

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