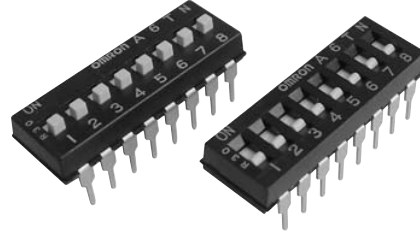


DIP Switch (Slide Type)

A6TN

Knife-edge high pressure mechanics.

- Knife-edge high pressure mechanics will ensure high reliability.
- Knife-edge high pressure mechanics will ensure washing without seal tape.
- Temperature-resistance resin allows at peak soldering temperature of 265 °C.





NEW

RoHS Compliant

Ordering Information

Stick type

Type and color of actuator		Flat actuator (white)	Raised actuator (white)
No. of poles	Quantity per stick		
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: Orders must be made in integral multiples of packaging quantities.

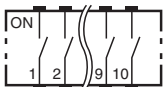
Specifications

■ Ratings/Characteristics

Rating	24 VDC 25 mA, 10 μA (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 MΩ min. (at 100 VDC)
Contact resistance	200 mΩ max. (initial value)
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.
Life expectancy	Electrical: 1,000 operations min.
Operating force	0.98 to 7.9 N
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)

Installation

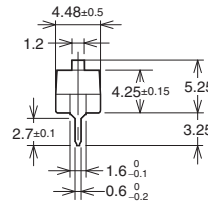
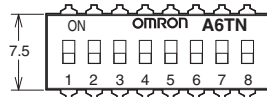
■ Internal Connections (Top View)



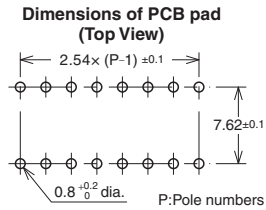
Dimensions

- Note:** 1. All units are in millimeters unless otherwise indicated.
2. Unless otherwise specified, a tolerance of ± 0.4 mm applies to all dimensions.

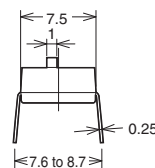
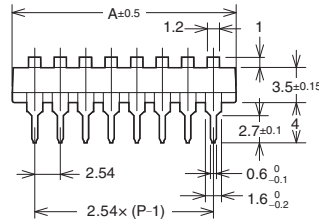
■ Flat actuator A6TN-□101



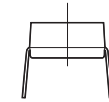
1 pole type



■ 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

Safety Precautions

■ Correct Use

Soldering

- Set the Switch to OFF before soldering.
- Automatic Soldering Bath
 - Soldering temperature 265 °C max.
 - Soldering time 8 s max.
- Manual Soldering
 - Soldering temperature : 400 °C max.
 - at the tip of the soldering iron.
 - Soldering time : 4 s max.

Washing

Apply alcohol-based solvents to clean.

Do not apply water or any other agents to clean, as such agents may degrade the materials or performance of the Switch.

Environment for Storage and Use

To prevent discoloration of the terminals and other problems during storage, do not store the A6TN in locations subject to the following conditions.

- High temperatures or humidity/Corrosive gases
- Direct sunlight/Contact with water

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS.

To convert millimeters into inches, multiply by 0.03937. To convert grams into ounces, multiply by 0.03527.

Cat. No. A194-E1-01 In the interest of product improvement, specifications are subject to change without notice.

OMRON Corporation

OMRON SWITCH & DEVICES Corporation

Consumer & Commercial Switch Department Marketing

2075, Miyoshi, Nakaku, Okayama
Okayama, 703-8502 Japan
Tel: (81)86-277-6024/Fax: (81)86-276-5044
URL : <http://www.omron.com/ecb/>

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