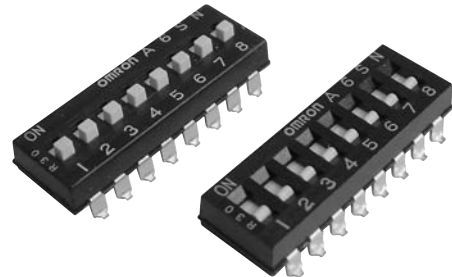


Slide DIP Switch

A6SN

Surface-Mounting Slide DIP Switches with High Contact Reliability

- Knife-edge structure with high contact pressure mechanism assures high reliability.
- Washable , without seal tape available.
- With seal tape enables adsorption on auto mounting machine.
- Models with from 1 to 10 poles meet wide needs.
- Embossed 100 pcs reel type is recommended for flexible demand.

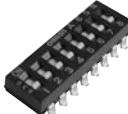


■List of Models

Tube Packaging

Type		Flat actuator	Raised actuator
			
No. of poles	Minimum packing units		
1	100	A6SN-1101	A6SN-1104
2	60	A6SN-2101	A6SN-2104
3	45	A6SN-3101	A6SN-3104
4	35	A6SN-4101	A6SN-4104
5	30	A6SN-5101	A6SN-5104
6	25	A6SN-6101	A6SN-6104
7	20	A6SN-7101	A6SN-7104
8	20	A6SN-8101	A6SN-8104
9	15	A6SN-9101	A6SN-9104
10	15	A6SN-0101	A6SN-0104

Embossed Taping *

Type		Flat actuator		Raised actuator	
		Standard	With seal tape		
No. of poles	Minimum packing units			Minimum packing units	
2	750	A6SN-2101-P	A6SN-2102-P	700	A6SN-2104-P
3		A6SN-3101-P	A6SN-3102-P		A6SN-3104-P
4		A6SN-4101-P	A6SN-4102-P		A6SN-4104-P
5		A6SN-5101-P	A6SN-5102-P		A6SN-5104-P
6		A6SN-6101-P	A6SN-6102-P		A6SN-6104-P
7		A6SN-7101-P	A6SN-7102-P		A6SN-7104-P
8		A6SN-8101-P	A6SN-8102-P		A6SN-8104-P
9		A6SN-9101-P	A6SN-9102-P		A6SN-9104-P
10		A6SN-0101-P	A6SN-0102-P		A6SN-0104-P

Note: 1. Order in multiples of the package quantity.

Embossed Taping (100 pcs reel)

Type	Flat actuator				Raised actuator	
	Standard		With seal tape			
						
	No. of poles	Minimum packing units		Minimum packing units		Minimum packing units
2	100	A6SN-2101-R100	100	A6SN-2102-R100	100	A6SN-2104-R100
3		A6SN-3101-R100		A6SN-3102-R100		A6SN-3104-R100
4		A6SN-4101-R100		A6SN-4102-R100		A6SN-4104-R100
5		A6SN-5101-R100		A6SN-5102-R100		A6SN-5104-R100
6		A6SN-6101-R100		A6SN-6102-R100		A6SN-6104-R100
7		A6SN-7101-R100		A6SN-7102-R100		A6SN-7104-R100
8		A6SN-8101-R100		A6SN-8102-R100		A6SN-8104-R100
9		A6SN-9101-R100		A6SN-9102-R100		A6SN-9104-R100
10		A6SN-0101-R100		A6SN-0102-R100		A6SN-0104-R100

■ 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	Between terminals	300 VAC for 1 min
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		0.3 g (2 poles) 0.55 g (4 poles) 0.8 g (6 poles) 1.05 g (8 poles) 1.3 g (10 poles)

■Dimensions (Unit: mm)

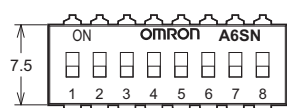
●Flat actuator

Standard

A6SN-□101

A6SN-□101-P

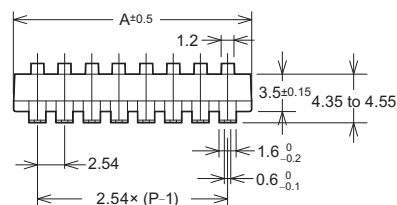
A6SN-□101-R100



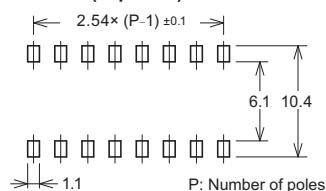
With seal tape

A6SN-□102-P

A6SN-□102-R100



Dimensions of PCB pad (Reference)
(Top View)

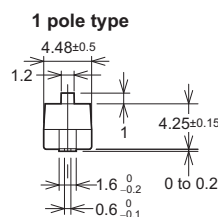


●Raised actuator

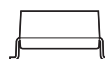
A6SN-□104

A6SN-□104-P

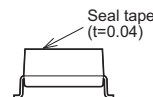
A6SN-□104-R100



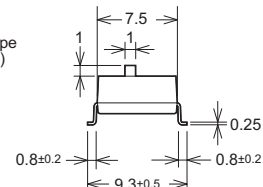
Flat actuator
Standard



Flat actuator
With seal tape



Raised actuator

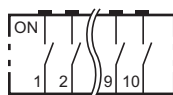


No. of poles	Flat actuator		Embossed taping			Embossed taping (100 pcs reel)			A
	Standard	Raised actuator	Flat actuator		Raised actuator	Flat actuator		Raised actuator	
			Standard	With seal tape		Standard	With seal tape		
1	A6SN-1101	A6SN-1104	---	---	---	---	---	---	4.48
2	A6SN-2101	A6SN-2104	A6SN-2101-P	A6SN-2102-P	A6SN-2104-P	A6SN-2101-R100	A6SN-2102-R100	A6SN-2104-R100	7.0
3	A6SN-3101	A6SN-3104	A6SN-3101-P	A6SN-3102-P	A6SN-3104-P	A6SN-3101-R100	A6SN-3102-R100	A6SN-3104-R100	9.6
4	A6SN-4101	A6SN-4104	A6SN-4101-P	A6SN-4102-P	A6SN-4104-P	A6SN-4101-R100	A6SN-4102-R100	A6SN-4104-R100	12.1
5	A6SN-5101	A6SN-5104	A6SN-5101-P	A6SN-5102-P	A6SN-5104-P	A6SN-5101-R100	A6SN-5102-R100	A6SN-5104-R100	14.6
6	A6SN-6101	A6SN-6104	A6SN-6101-P	A6SN-6102-P	A6SN-6104-P	A6SN-6101-R100	A6SN-6102-R100	A6SN-6104-R100	17.2
7	A6SN-7101	A6SN-7104	A6SN-7101-P	A6SN-7102-P	A6SN-7104-P	A6SN-7101-R100	A6SN-7102-R100	A6SN-7104-R100	19.7
8	A6SN-8101	A6SN-8104	A6SN-8101-P	A6SN-8102-P	A6SN-8104-P	A6SN-8101-R100	A6SN-8102-R100	A6SN-8104-R100	22.3
9	A6SN-9101	A6SN-9104	A6SN-9101-P	A6SN-9102-P	A6SN-9104-P	A6SN-9101-R100	A6SN-9102-R100	A6SN-9104-R100	24.8
10	A6SN-0101	A6SN-0104	A6SN-0101-P	A6SN-0102-P	A6SN-0104-P	A6SN-0101-R100	A6SN-0102-R100	A6SN-0104-R100	27.3

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

■Internal Connections

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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