

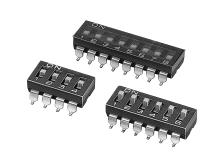
Slide DIP Switch

A6S-H

Standard Surface-Mounting Slide DIP Switches

- Gold-plated twin contacts ensure high reliability.
- Washable, with seal tape available.
- Models with from 1 to 10 poles meet wide needs.
- Embossed taping available for small-reel 100 pcs/ 500 pcs.

RoHS Compliant



■List of Models

Tube Packaging

Туре		Flat actuator		Daire destructer
		Standard	With seal tape	- Raised actuator
Г	Quantity	THE REPORT	THE PERSON	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
No. of poles	per tube	668.	1908 c	4566°
1	130	A6S-1101-H	A6S-1102-H	A6S-1104-H
2	76	A6S-2101-H	A6S-2102-H	A6S-2104-H
3	55	A6S-3101-H	A6S-3102-H	A6S-3104-H
4	42	A6S-4101-H	A6S-4102-H	A6S-4104-H
5	35	A6S-5101-H	A6S-5102-H	A6S-5104-H
6	28	A6S-6101-H	A6S-6102-H	A6S-6104-H
7	25	A6S-7101-H	A6S-7102-H	A6S-7104-H
3	22	A6S-8101-H	A6S-8102-H	A6S-8104-H
)	20	A6S-9101-H	A6S-9102-H	A6S-9104-H
10	18	A6S-0101-H	A6S-0102-H	A6S-0104-H

Note: Order in multiples of the package quantity.

Embossed Taping (Standard reel)

Туре		Flat actuator		Poiss	Raised actuator	
		Standard	With seal tape	naise	u actuator	
No. of poles	Quantity per reel	POPOPOP	্ত্তিক কুক্ত কুক্ত কৰে । বিষয় কুক্তিক কুক্ত	Quantity per reel	P P P P P P P P P P P P P P P P P P P	
1	800	A6S-1101-PH	A6S-1102-PH	800	A6S-1104-PH	
2		A6S-2101-PH	A6S-2102-PH	700	A6S-2104-PH	
3		A6S-3101-PH	A6S-3102-PH	700	A6S-3104-PH	
4		A6S-4101-PH	A6S-4102-PH	700	A6S-4104-PH	
5		A6S-5101-PH	A6S-5102-PH	800	A6S-5104-PH	
6	900	A6S-6101-PH	A6S-6102-PH	700	A6S-6104-PH	
7		A6S-7101-PH	A6S-7102-PH	800	A6S-7104-PH	
8		A6S-8101-PH	A6S-8102-PH	700	A6S-8104-PH	
9		(See note 2.)	A6S-9102-PH	700	A6S-9104-PH	
10		(See note 2.)	A6S-0102-PH	800	A6S-0104-PH	

Note: 1. Order in multiples of the package quantity.
2. Models with a different number of poles than those listed here can also be ordered. For details, consult your OMRON sales representative.

Embossed Taping (Small reel)

Туре		Flat actuator		Bailea di antivota i
		Standard	With seal tape	Raised actuator
	Quantity	THE REFE	TO THE PARTY OF TH	
No. of poles	per reel	A Sola .	Str.	18668.
		(See note 2.)	A6S-2102-PMH	(See note 2.)
		A6S-3101-PMH	(See note 2.)	(See note 2.)
	400	A6S-4101-PMH	A6S-4102-PMH	A6S-4104-PMH
	400	A6S-6101-PMH	A6S-6102-PMH	A6S-6104-PMH
		A6S-8101-PMH	A6S-8102-PMH	A6S-8104-PMH
0	1	A6S-0101-PMH	A6S-0102-PMH	A6S-0104-PMH

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

2. Models with a different number of poles than those listed here can also be ordered. For details, consult your OMRON sales representative.

Embossed Taping (100 pcs reel)

Туре		Flat actuator		Raised actuator	
		Standard	With seal tape	Haised actuator	
No. of poles	Quantity per reel	THE REAL PROPERTY.		Water of the second	
1	i	A6S-1101-H-R100	A6S-1102-H-R100	A6S-1104-H-R100	
2		A6S-2101-H-R100	A6S-2102-H-R100	A6S-2104-H-R100	
3		A6S-3101-H-R100	A6S-3102-H-R100	A6S-3104-H-R100	
4		A6S-4101-H-R100	A6S-4102-H-R100	A6S-4104-H-R100	
5	100	A6S-5101-H-R100	A6S-5102-H-R100	A6S-5104-H-R100	
6	100	A6S-6101-H-R100	A6S-6102-H-R100	A6S-6104-H-R100	
7		A6S-7101-H-R100	A6S-7102-H-R100	A6S-7104-H-R100	
8		A6S-8101-H-R100	A6S-8102-H-R100	A6S-8104-H-R100	
9		A6S-9101-H-R100	A6S-9102-H-R100	A6S-9104-H-R100	
10		A6S-0101-H-R100	A6S-0102-H-R100	A6S-0104-H-R100	

■Ratings/Characteristics

Rating (resistive load)		25 mA at 24 VDC 10 μA (minimum current) at 3.5 VDC	
Ambient operating temperature		-20 to +70°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 250 VDC with insulation tester)	
Contact resistance (initial value)		200 mΩ max.	
Dielectric strength Between terminals		500 VAC for 1 min	
Vibration resistance Malfunction		10 to 55 Hz, 1.5-mm double amplitude	

Shock resistance	Shock resistance Malfunction 300 m/s² min.		
Durability	Electrical	1,000 operations min.	
Washing		Standard models: Not possible, Models with seal tape: Possible, Models with raised actuators: Not possible	
Degree of protection		IEC IP40	
Operating force		0.29 to 9.8 N {30 to 1,000 gf}	
Weight		0.25 g (2 poles) 0.41 g (4 poles) 0.58 g (6 poles) 0.73 g (8 poles) 0.87 g (10 poles)	

■Dimensions (Unit: mm)

Flat Actuator

Standard

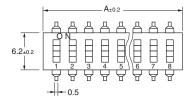
A6S-□101-H

A6S-□101-PH

A6S-□101-PMH

A6S--101-H-R100





With Seal Tape

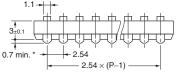
A6S-□102-H

A6S-□102-PH

A6S-□102-PMH

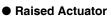
A6S--102-H-R100





* 1 pole type is 0 to 0.15 mm





A6S-□104-H

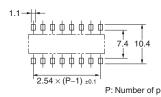
A6S-□104-PH

A6S-□104-PMH

A6S--104-H-R100



PCB Dimensions (Reference) (Top View)



N				
No. of poles	Flat A	ctuator	Raised	Dimension A
	Standard	With Seal Tape	Actuator	
1	A6S-1101-H	A6S-1102-H	A6S-1104-H	3.48
2	A6S-2101-H	A6S-2102-H	A6S-2104-H	6.02
3	A6S-3101-H	A6S-3102-H	A6S-3104-H	8.56
4	A6S-4101-H	A6S-4102-H	A6S-4104-H	11.10
5	A6S-5101-H	A6S-5102-H	A6S-5104-H	13.64
6	A6S-6101-H	A6S-6102-H	A6S-6104-H	16.18
7	A6S-7101-H	A6S-7102-H	A6S-7104-H	18.72
8	A6S-8101-H	A6S-8102-H	A6S-8104-H	21.26
9	A6S-9101-H	A6S-9102-H	A6S-9104-H	23.80
10	A6S-0101-H	A6S-0102-H	A6S-0104-H	26.34

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.

Contact: www.omron.com/ecb

Note: Do not use this document to operate the Unit.

OMRON Corporation

Electronic and Mechanical Components Company

Application examples provided in this document are for reference only. In actual applications, confirm equipment functions and safety before using the product.
 Consult your OMRON representative before using the product under conditions which are not described in the manual or applying the product to nuclear control systems, railroad systems, aviation systems, vehicles, combustion systems, medical equipment, amusement machines, safety equipment, and other systems or equipment that may have a serious influence on lives and property if used improperly. Make sure that the ratings and performance characteristics of the product provide a margin of safety for the system or equipment, and be sure to provide the system or equipment with double safety mechanisms.

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Omron:

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