

Outline of the Series

While maintaining the high performance of the A series, this lineup is offered at a more affordable price. Available in toggle and rocker switch types.



Common Specifications

Ratings						
Symbol Voltage	05	15	25	35	Load	Notes
AC125/250V	25A	20A	15A	10A	Resistive Load	Load only with Resistive, Power Factor=1
DC30V	25A	20A	15A	10A		

* A resistive load refers to a load consisting solely of resistance. In actual circuits, however, there may be inductive, capacitive, or motor loads, each of which can generate inrush current. Therefore, when selecting a switch, be sure to choose a rating with sufficient margin above the steady-state current.

For more details, please refer to "[Useful Advices and Precautions on Usage of Operational Switches.](#)"

Packaging Quantity	
SP	100 pcs
DP	50 pcs



Contact Resistance	10 mΩ Max. (DC2V 1A, Initial Value)
Withstanding Voltage	AC1,500V 1 Minute
Insulating Resistance	1,000MΩ Min. (DC500V)
Electrical Life	20,000 times
Operating Temperature Range	-20℃～+70℃
Storage Temperature Range	-20℃～+70℃
Hand-soldering Conditions	350±3℃ within 3 sec.

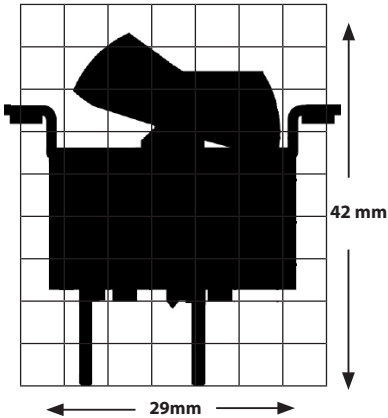
Product Designations

Series Name			Operational-part Type	Switch Functions	Current Capacity	Type of Terminals																						
A V			L	A	2	5																						
			<table><tr><th>Operational-part</th><th>Symbol</th></tr><tr><td>Rocker</td><td>L</td></tr></table>	Operational-part	Symbol	Rocker	L	<table><tr><th>Current Capacity</th><th>Symbol</th></tr><tr><td>25A 125/250V AC</td><td>0</td></tr><tr><td>20A 125/250V AC</td><td>1</td></tr><tr><td>15A 125/250V AC</td><td>2</td></tr><tr><td>10A 125/250V AC</td><td>3</td></tr></table>	Current Capacity	Symbol	25A 125/250V AC	0	20A 125/250V AC	1	15A 125/250V AC	2	10A 125/250V AC	3										
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Quick Connect Terminal#250

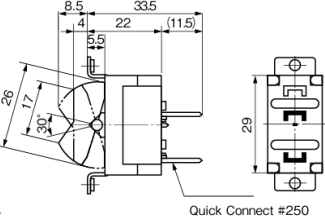
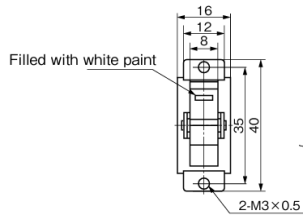
Silhouette (AVLA05)



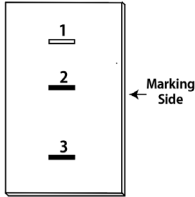
Switch Names, Functions, Terminal Diagram

S P

Product Name	Resistive Load	Product Name	Resistive Load	Circuit	Functions		
	AC125/250V DC30V		AC125/250V DC30V				
AVLA05	25A	AVLA25	15A	SPST	ON 2-3	—	OFF
AVLD05	25A	AVLD25	15A	SPDT	ON 2-3	—	ON 2-1
AVLA15	20A	AVLA35	10A	SPST	ON 2-3	—	OFF
AVLD15	20A	AVLD35	10A	SPDT	ON 2-3	—	ON 2-1

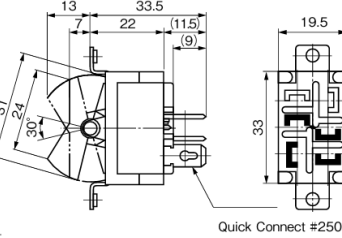
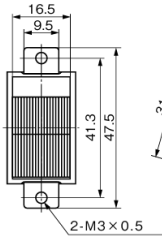


Terminal Diagram

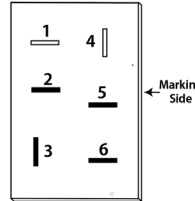


D P

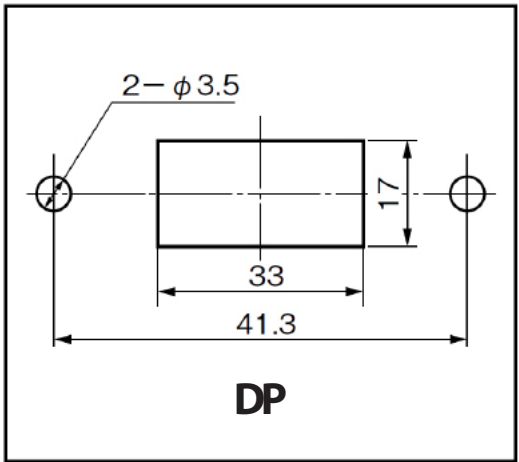
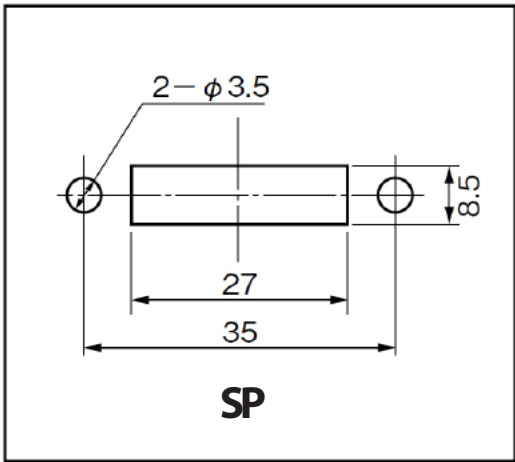
Product Name	Resistive Load	Product Name	Resistive Load	Circuit	Functions		
	AC125/250V DC30V		AC125/250V DC30V				
AVLK05	25A	AVLK25	15A	DPST	ON 2-3 5-6	—	OFF
AVLN05	25A	AVLN25	15A	DPDT	ON 2-3 5-6	—	ON 2-1 5-4
AVLK15	20A	AVLK35	10A	DPST	ON 2-3 5-6	—	OFF
AVLN15	20A	AVLN35	10A	DPDT	ON 2-3 5-6	—	ON 2-1 5-4



Terminal Diagram



Mounting Hole Dimensions



Compliance with the European RoHS Directive

All DIP switches, control switches, connectors, and terminal blocks manufactured by OTAX comply with the following RoHS Directive:
Directive 2011/65/EU of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS).

Our products do not contain any of the ten specified hazardous substances (except for exempted applications):
Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent chromium (Cr⁶⁺), Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Di(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP)