

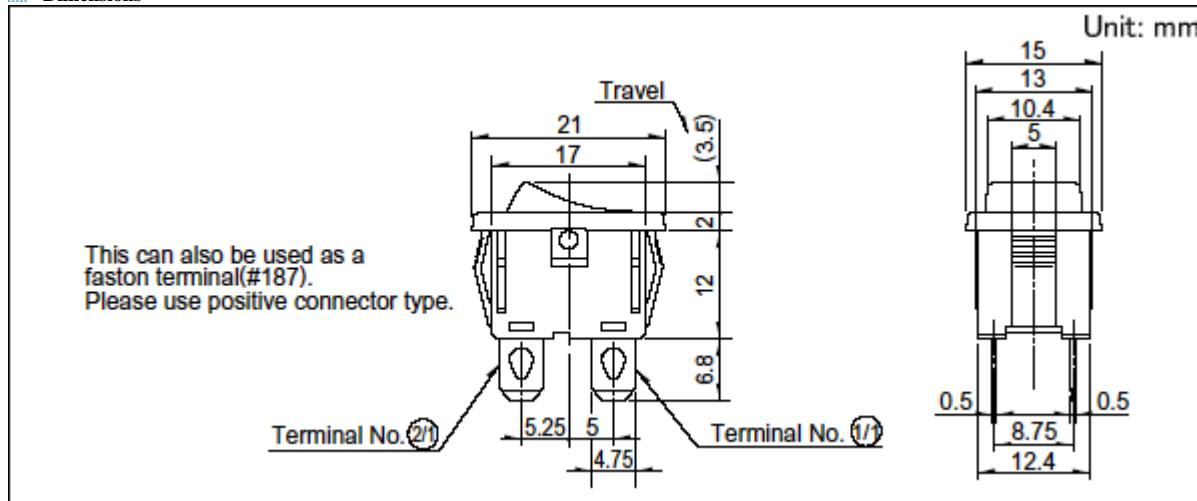


ALPS Manufacturer of Electronic Components/Parts Catalog

10A 250V AC Qualified Power Switch SDDJE Series

Detail

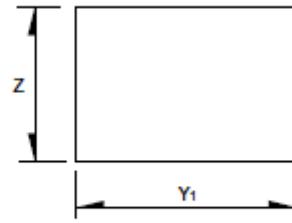
Model No.	SDDJE30300		
Type	Rocker		
Circuit arrangement	DPST		
Travel	3.5mm		
Operating force	6±2N		
Mounting method	Snap-in		
Terminal style	Lead		
Frame	Without		
Marking (knob)	I-O mark		
Minimum packing unit (pcs.)	100		
UL CSA	10A 250V AC		
SEMKO	6A/96A 250V~, 10(6)/250~		
VDE	6A/96A 250V~, 10(6)/250~		
BS	6A/96A 250V~, 10(6)/250~		
Ratings satisfying local electrical appliance and material safety law	125V 10A‡		
Operating temperature range	-10°C to +55°C		
Ratings	6A/96A 250V~		
Electrical performance	Contact resistance	100mΩ max.	
	Insulation resistance	500MΩ min. 500V DC	
	Voltage proof	2,000V AC for 1 minute	
Mechanical performance	Robustness terminal	10N for 1 minute	
	Robustness of actuator	Operating direction	25N
		Perpendicular direction	25N
	Vibration	10 to 55 to 10Hz/min., the amplitude is 1.5mm for all the frequencies, in the 3 direction of X, Y and Z for 2 hours respectively	
	Resistance to soldering heat	Manual soldering	350±10°C, 3±0.5s
Durability Operating life		10,000 cycles Load: as ratings.	
Environmental performance	Cold	-20±2°C for 96h	
	Dry heat	85±2°C for 96h	
	Damp heat	40±2°C, 90 to 95%RH for 96h	

 Dimensions Mounting Hole Reference Size

Square-shaped Hole

Unit : mm

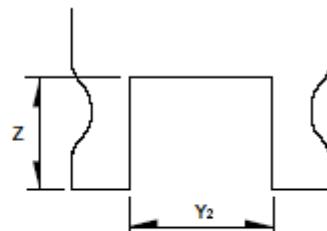
Thickness of mounting board	Y ₁	Z
0.75 to 1.25	19.2	
1.25 to 2.00	19.4	12.9



U-shaped Hole

Unit : mm

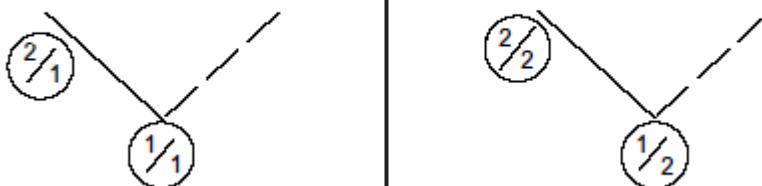
Thickness of mounting board	Y ₂	Z
0.75 to 1.1	19.5	
1.1 to 1.7	19.7	12.9
1.7 to 2	19.9	

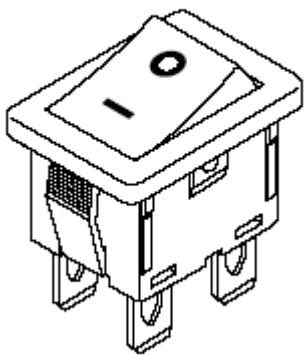


Verify the performance under actual product conditions before use.

 Circuit Diagram

DPST

 Marking (knob)

With I, O marking

1. Consult with us for other markings.
2. The standard color of the knob and casing is black. Other colors (gray, ivory) are available upon request.

>> NOTE

Notes are common to this series/models.

1. The lead terminals are also used as faston terminals (#187). (Use a positive lock connector type.)
2. The lead terminal type can be built onto a board. (Manual soldering needed.)
3. The right angle terminal in the reverse direction is also available.
4. Standard products use the Grade V-2 material (Flame Class). Consult with us for the Grade V-0 type.
5. Place your purchase order in N minimum package units (N: integer).
6. Ask us for the export packaging unit.
7. Products other than those listed in the above chart are also available. Please contact us for details.
8. We can raise the working temperature range for in-vehicle applications upon request. Contact us if you have any requirements of this kind.
9. This products can be used in vehicles.

Although these products are designed to perform over a wide operating temperature range, please ensure that you receive and read the formal delivery specifications before use.

> Inquiries about Products

For more information please contact: Products Information Center.

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