



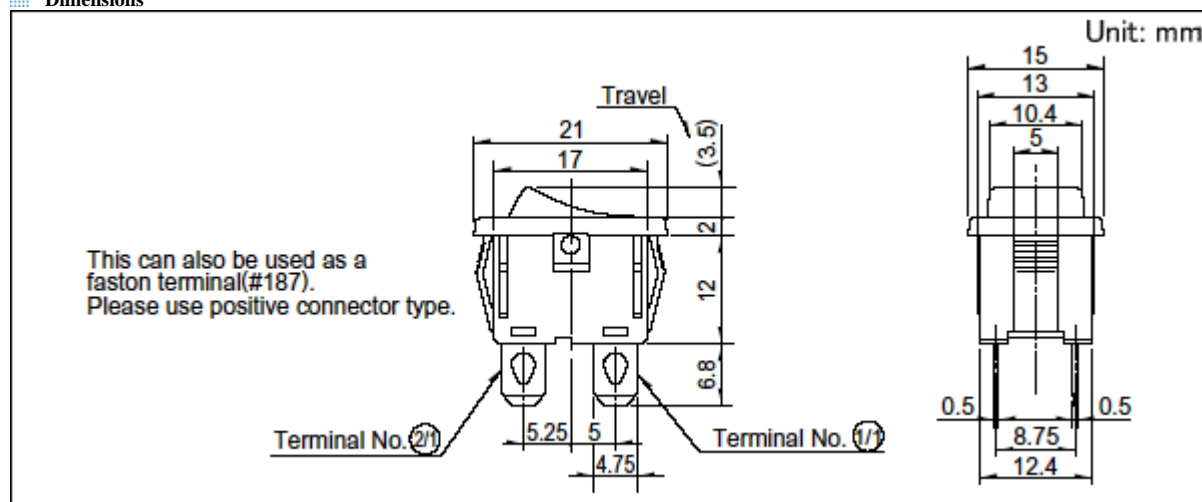
ALPS Manufacturer of Electronic Components/Parts Catalog

## 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℃ to +55℃	
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℃, 3±0.5s
Durability Operating life		10,000 cycles Load: as ratings.	
Environmental performance	Cold		-20±2℃ for 96h
	Dry heat		85±2℃ for 96h
	Damp heat		40±2℃, 90 to 95%RH for 96h

### Dimensions

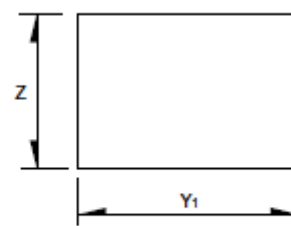


### Mounting Hole Reference Size

#### Square-shaped Hole

Unit : mm

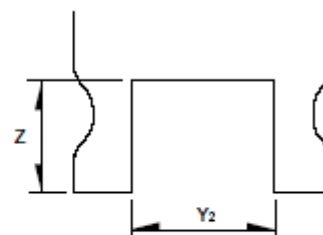
Thickness of mounting board	Y <sub>1</sub>	Z
0.75 to 1.25	19.2	12.9
1.25 to 2.00	19.4	



#### U-shaped Hole

Unit : mm

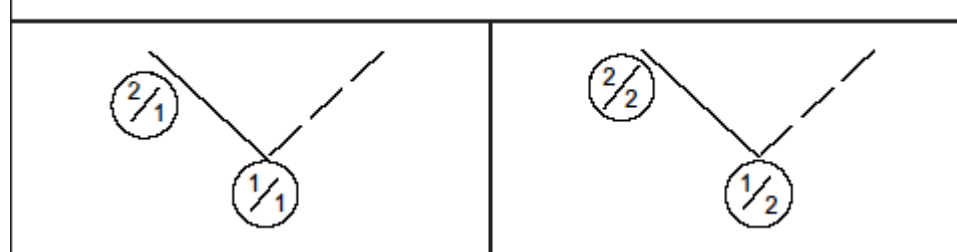
Thickness of mounting board	Y <sub>2</sub>	Z
0.75 to 1.1	19.5	12.9
1.1 to 1.7	19.7	
1.7 to 2	19.9	



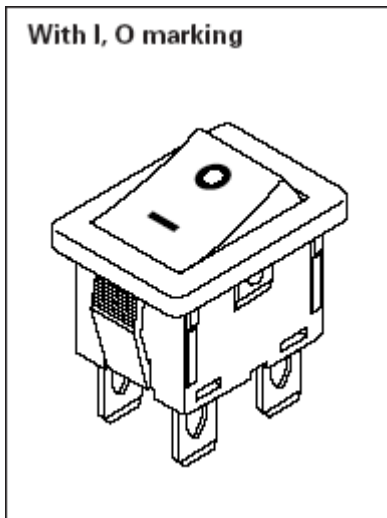
Verify the performance under actual product conditions before use.

### Circuit Diagram

#### DPST



### Marking (knob)



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.

1-7, Yukigaya-otsuka-machi, Ota-ku, Tokyo, 145-8501, Japan

Phone: +81 (3) 5499-8154

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