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Power Switch with Encoder SDDE Series

Detail

Part number	SDDE1C0101
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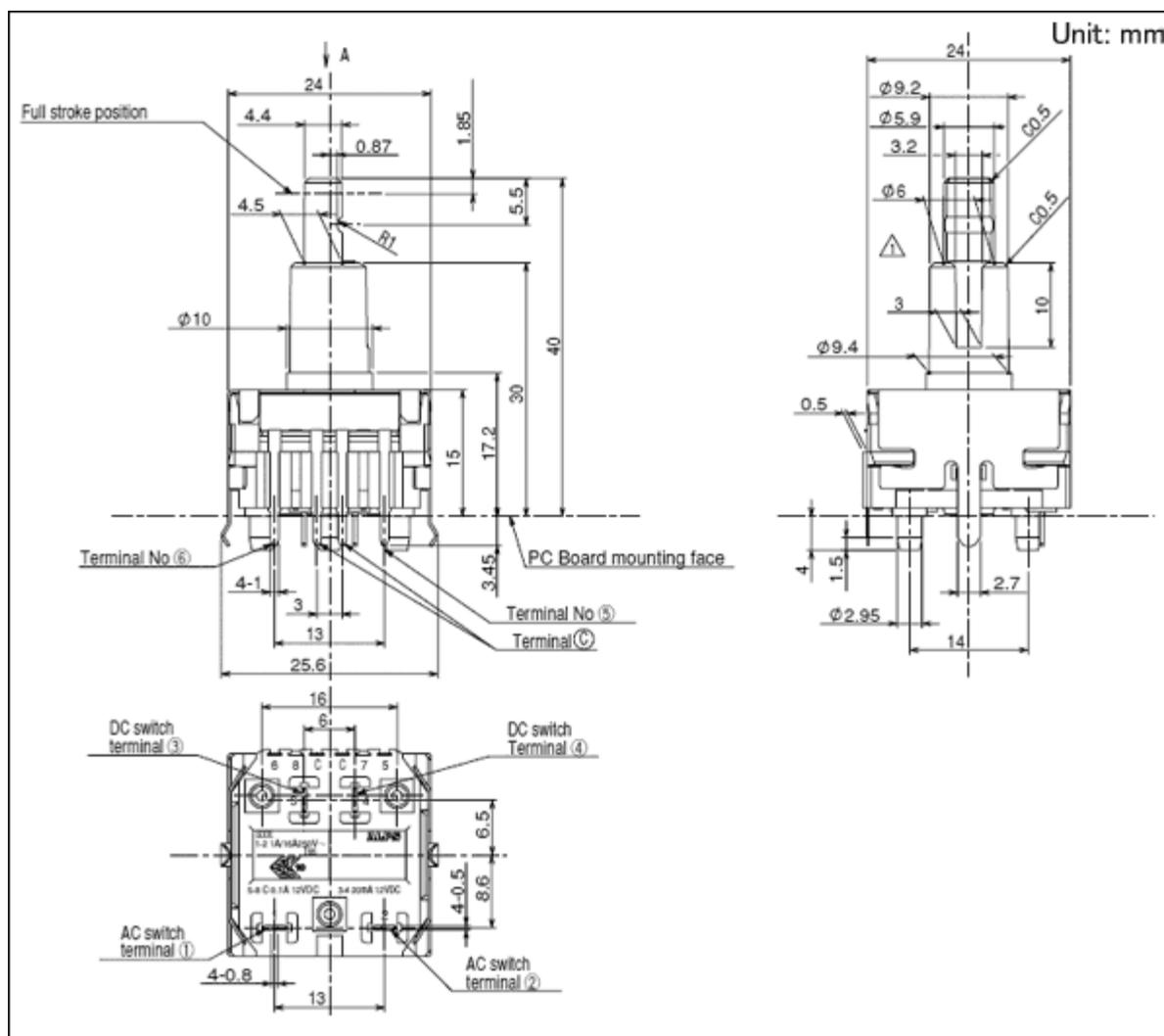
Type	Rotary
Travel	Push switch: 1.85mm Encoder: 360° (endless)
Operating force	Push switch: 4±1N
Number of detents	12
Rotational torque	Encoder: 2.65±0.8N·cm
Mounting method	Snap-in
Minimum order unit (pcs.)	336

Operating temperature range		0 to 85°C	
Rating	Push switch	AC switch: 1A/16A 250V~ DC switch: 20mA 12V DC	
	Encoder	0.1A 12V DC	
Electrical performance	Contact resistance	Push switch	AC switch: 100mΩ max. DC switch: 500mΩ max.
		Encoder	1Ω max.
	Insulation resistance	Push switch	AC switch: 100MΩ min. 500V DC DC switch: 100MΩ min. 100V DC
		Encoder	100MΩ min. 100V DC
	Voltage proof	Push switch	AC switch: 2,000V AC for 1 minute DC switch: 100V AC for 1 minute
		Encoder	100V AC for 1 minute
Terminal strength	Push switch	AC switch: 5N for 1 minute DC switch: 5N for 30s	
	Encoder	5N for 1 minute	

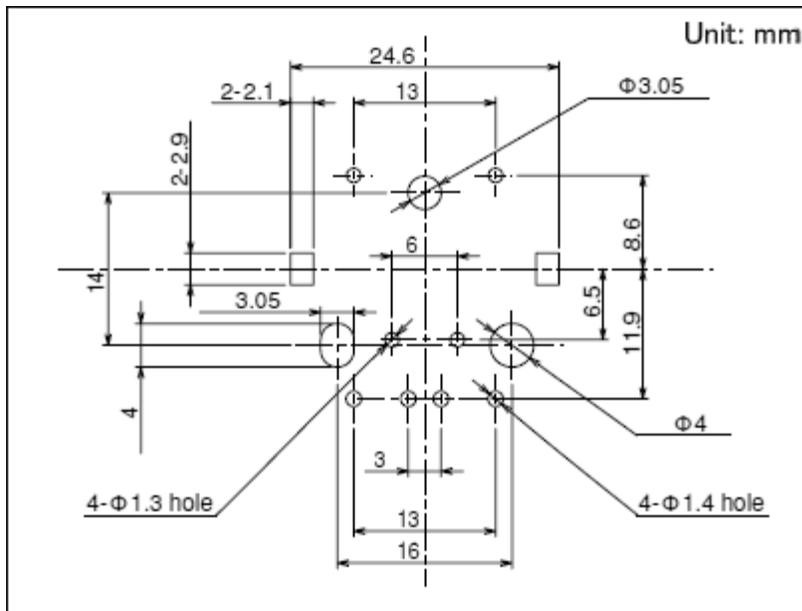
Mechanical performance	Actuator strength	Operating direction	100N
		Perpendicular direction	30N
Resistance to soldering heat	Manual soldering		350±10°C, 3(+1, 0)s
	Dip soldering		260±5 , 10±1s
Durability	Operating life (Load: as ratings.)	Push switch	AC switch: 10,000 cycles DC switch: 10,000 cycles
		Encoder	30,000 cycles
Environmental performance	Cold		-40±2 for 240h
	Dry heat		85±2 for 240h
	Damp heat		40±2 , 90 to 95%RH for 240h

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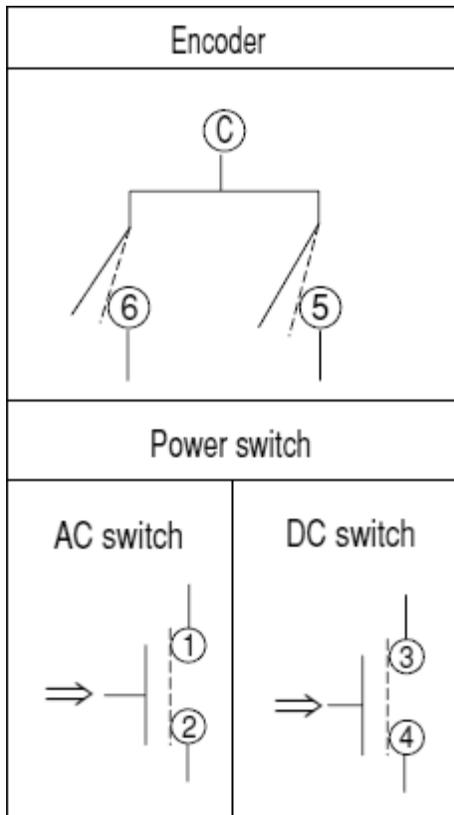
Dimensions



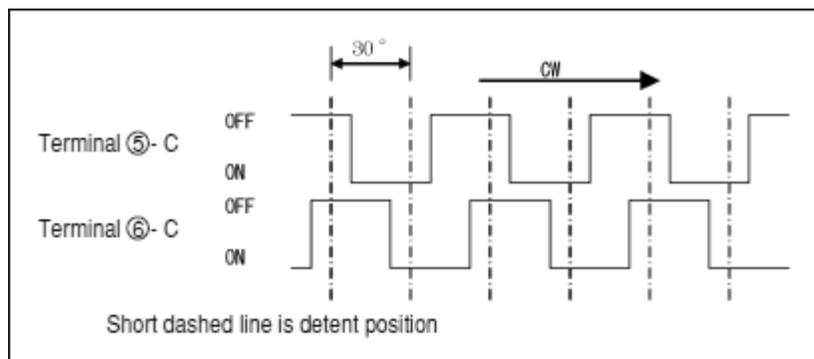
● Mounting Hole Dimensions



● Circuit Diagram



● Output Wave


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● Packing Specifications

Tray

Number of packages (pcs.)	1 case / Japan	336
	1 case / export packing	336
Export package measurements (mm)		411x311x217

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>> **NOTE**

Notes are common to this series/models.

1. This site catalog shows only outline specifications. When using the products, please obtain formal specifications for supply.
2. Please place purchase orders per minimum order unit (integer).

❓ Inquiries about Products

For more information please contact: Products Information Center.

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