



X CLOSE

Detector Switch > SPVQ3 Series > SPVQ380400

Water-proof Type SPVQ3 Series

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Part number [Series Common Info](#)
SPVQ380400

NET SHOP

3D CAD

RoHS

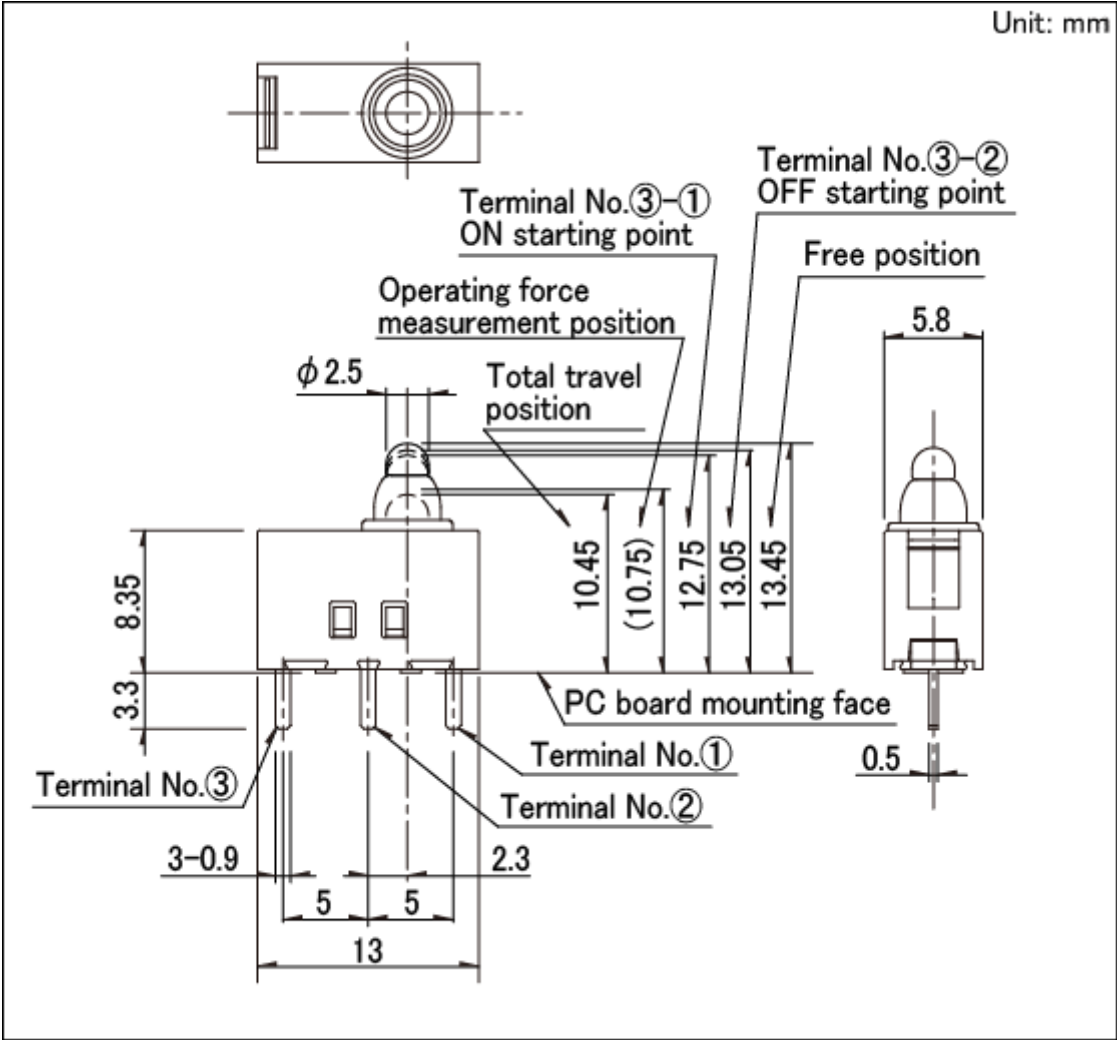
Print

Inquiry

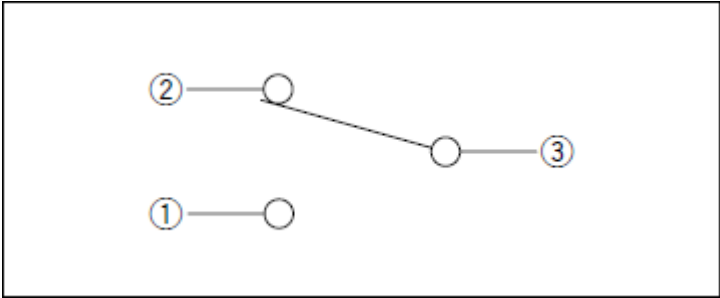
Poles	1	
Positions	2	
Changeover timing	Non shorting	
Operation part shape	Push	
Terminal type	For PC board	
Operating force	1 ± 0.5N	
Main body form	Without boss	
Operating temperature range		-40°C to +85°C
Rating (max.)/(min.) (Resistive load)		0.1A 12V DC/50 μ A 5V DC
Electrical performance	Contact resistance (Initial/After operating	500mΩ max./1Ω

	life)	max.
	Insulation resistance	100MΩ min. 500V DC
	Voltage proof	500V AC for 1 minute
Mechanical performance	Terminal strength	3N for 1 minute
	Actuator strength	20N
	Operating life without load	300,000 cycles 1 Ω max.
Durability	Operating life with load Rating (max.) (Resistive load)	300,000 cycles 1 Ω max.
	Cold	-40°C 500h
Environmental performance	Dry heat	85°C 500h
	Damp heat	60°C, 90 to 95%RH 500h
Minimum order unit (pcs.)	Japan 1,300 Export 5,200	

Dimensions



Circuit Diagram



Packing Specifications

Tray

Number of	1 case / Japan	1,300
packages (pcs.)	1 case / export packing	5,200

Export package measurements (mm) $540 \times 360 \times 290$

Soldering Conditions

Reference for Dip Soldering

Items	Preheating temperature	$100 \pm 10^{\circ}\text{C}$
	Preheating time	60s max.
Dip soldering	Soldering temperature	$260 \pm 5^{\circ}\text{C}$
	Duration of immersion	$5 \pm 1\text{s}$

Reference for Hand Soldering

Soldering temperature	$300 \pm 10^{\circ}\text{C}$
Soldering time	$3 + 1/0\text{s}$

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. Unless specified, the length of the lead wire is 250mm. Color is either Red, Black or Yellow. For length modification, please contact us.
3. This unit cannot be used in water (IP67 rating, except for terminal).
4. Unless circuit is specified, wired (downward) types will apply three wires.
5. Please specify circuit (N. O. or N. C.) for wired (side) types. Unless specified, the circuit will apply N. O.
6. Please place purchase orders per minimum order unit (integer).
7. 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

[Inquiry](#)

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