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CF-DA

Detect Switches

RoHS Compliant



■Features

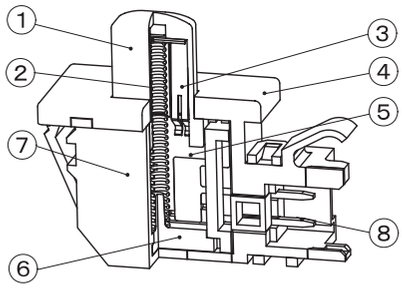
1. High contact reliability
The contact part has a self-cleaning function.

2. Long Stroke
Full stroke=7.5mm

3. Snap-in Panel Mounting

4. Connector Socket
The terminal section can be one touch to the contactor.
This can shortener lead wire installation time.

■Internal Structure



Part name		Material	Flammability
①	Button	Polyacetal	UL-94HB
②	Spring	Piano wire	—
③	Movable contact	Copper alloy,Silver-plated	—
④	Frame	Polyacetal	UL-94HB
⑤	Base	Polybutylene terephthalate	UL-94V-0
⑥	Inner plate	Polybutylene terephthalate	UL-94V-0
⑦	Cover	Polybutylene terephthalate	UL-94V-0
⑧	Terminal pin	Copper alloy,Silver-plated	—

■ Specifications

Rating	Max.	DC30V 100mA	(Resistive load)
	Min.	DC20mV 0.5mA	(Resistive load)
Dielectric strength		AC500V 1minute	
Initial contact resistance		100mΩ Max.	(AC200μV 1.5mA)
Initial insulation resistance		100MΩ Min.	(DC500V)
Electrical life		100,000 operations	
Operating force		1.96～3.92N	
Stroke		7.5 ±0.3mm	
Operating temp. range		-25～+85℃	
Recommended connectors		J.S.T MFG CO.,LTD. XAP-02V-1	

■ Part Numbering

CF–DA–1CN–1□

- Series name: CF–DA
- No.of poles: 1 — 1 pole
- Switching function: C — OFF—(ON)
- Terminal style: N — Connector Socket
- Packaging specifications: blank — Plastic bag
- Contact material: 1 — Silver plated

■ Switching Function

Part number	Switching function		Circuit diagrams
CF-DA-1CN-1	Free	Push	(1) (2)
	OFF	(ON)	
	—	(1) — (2)	

(ON) : Momentary

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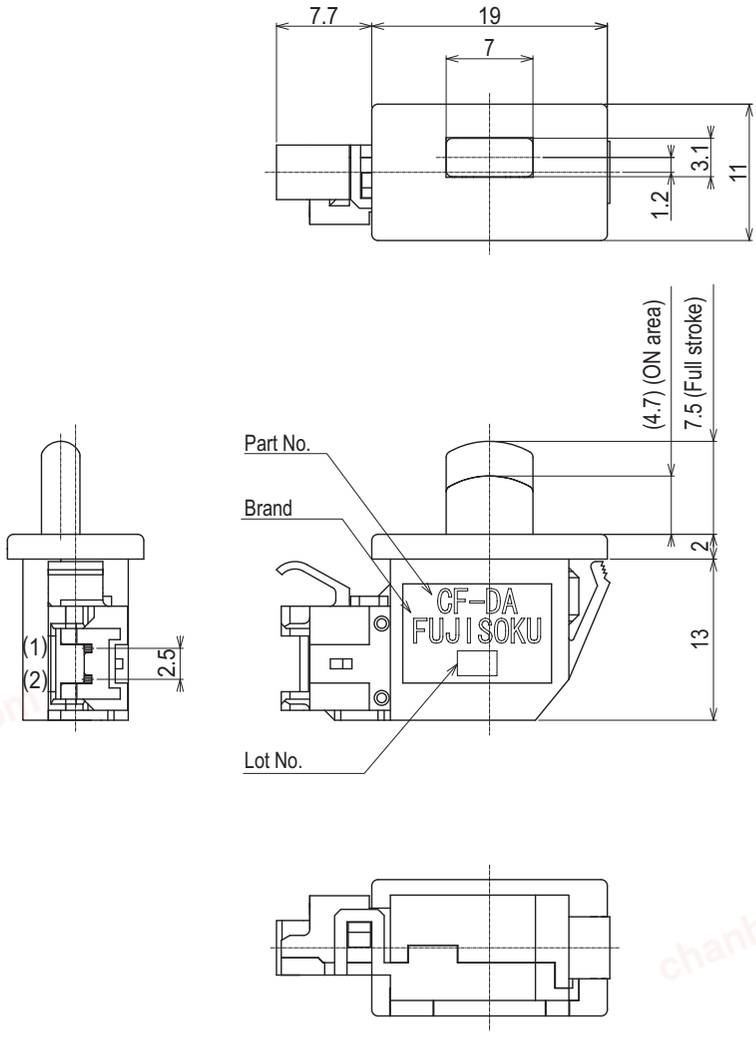
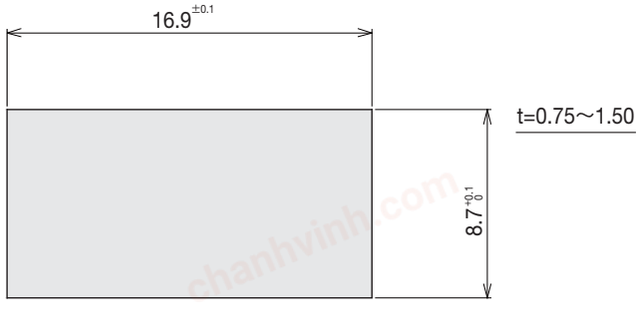
■Outline Dimensions

Unless otherwise specified, tolerance:±0.3 (unit:mm)



■Panel Cut-out Dimensions



■Precautions for Panel Mounting

Cut edge behind the panel should be Squared so that the toothed area of the Switch box bites the panel firmly.

