



# Relays & Solenoids

## NAIS\_PCB Relays

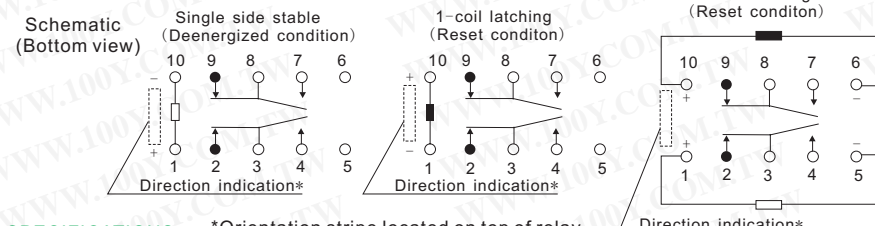
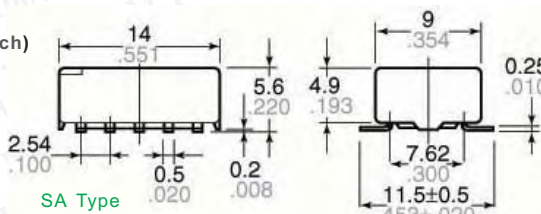
Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)

Part No.	Product No.	Manufacturer	Description	Contact Arrangement	Contact Rating	Coil Voltage	Recognized Safety	Outline L*W*H	Type
17495	TQ2-24V	NAIS	PCB Relays	2c,4c	30VDC/1A	24VDC	UL,CSA	14*9*5	TQ2
38928	TQ2-3V	NAIS	PCB Relays	2 Form C	30VDC/1A	3VDC	UL,CSA	14*9*5	TQ2
10809	TQ2-5V	NAIS	PCB Relays	2c,4c	30VDC/1A	5VDC	UL,CSA	14*9*5	TQ2



### FEATURES

- Low-profile: 6 mm .236 inch (Tape height: max. 6.5 mm .256 inch)
- Tape and reel package is available as standard packing style
- Surge withstand between contacts and coil: 2,500 V
- Breakdown voltage between contacts and coil: 1,500 V
- Capacity: 2 A
- High sensitivity:2 Form C; 140 mW power consumption (Single side stable type)



\*Orientation stripe located on top of relay.

### SPECIFICATIONS

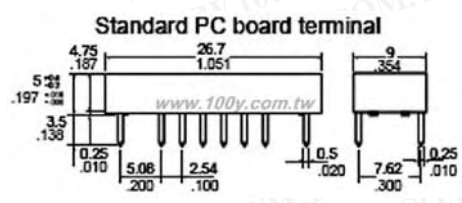
Contact		2 Form C
Arrangement		2 Form C
Initial contact resistance, max. (By voltage drop 6 V DC 1 A)		75 mΩ
Contact material		Au-clad AgNi type
Rating	Nominal switching capacity (resistive load)	2 A 30 V DC, 0.5 A 125 V AC
	Max. switching power (resistive load)	60 W, 62.5 VA
	Max. switching voltage	220 V DC, 125 V AC
	Max. switching current	2 A
	Min. switching capacity (Reference value)*1	10 μA 10 mV DC

### Characteristics

Initial insulation resistance*1	Min. 1,000 MΩ (at 500 V DC)	
Shock resistance	Functional*5	Min. 1,000 m/s <sup>2</sup> {75 G}
	Destructive*6	Min. 750 m/s <sup>2</sup> {100 G}
Vibration resistance	Functional*7	200 m/s <sup>2</sup> {20G}, 10 to 55 Hz at double amplitude of 3.3 mm
	Destructive	294 m/s <sup>2</sup> {30G}, 10 to 55 Hz at double amplitude of 5 mm
Conditions for operation, transport and storage*8 (Not freezing and condensing at low temperature)	Ambient temperature	-40°C to +85°C*3 -40°F to +185°F
	Humidity	5 to 85% R.H.
Unit weight	Approx. 2 g .071 oz	



Part No.	Product No.	Manufacturer	Description	Contact Arrangement	Contact Rating	Coil Voltage	Recognized Safety	Outline L*W*H	Type
39657	TQ2SA-5V	NAIS	TQ SMD Relays	2 Form C	30VDC/2A	5VDC	UL,CSA	14*9*5.6	TQ2SA

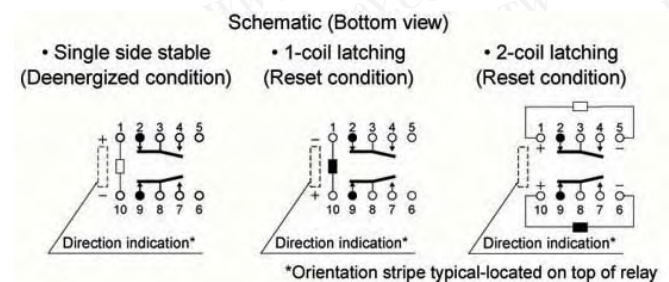


### FEATURES

- High sensitivity:  
2 Form C: 140 mW power consumption (single side stable type)  
4 Form C: 280 mW power consumption (single side stable type)
- Surge voltage withstand: 1500 V FCC Part 68
- Sealed construction allows automatic washing

- Self-clinching terminal also available
- M.B.B. contact types available

### SPECIFICATIONS



\*Orientation stripe typical-located on top of relay



		Standard (B.B.M) type
Arrangement		4 Form C
Initial contact resistance, max. (By voltage drop 6 V DC 1 A)		50 mΩ
Contact material		Gold-clad silver
Rating	Nominal switching capacity (resistive load)	1 A 30 V DC 0.5 A 125 V AC
	Max. switching power (resistive load)	30 W, 62.5 VA
	Max. switching voltage	110 V DC, 125 V AC
	Max. switching current	1 A
	Min. switching capacity*1	10 μA 10 mV DC

### Characteristics

Initial insulation resistance*1	Standard (B.B.M) type Min. 1,000 MΩ (at 500 V DC)	
Shock resistance	Functional*5	Min. 490 m/s <sup>2</sup> {50G}
	Destructive*6	Min. 980 m/s <sup>2</sup> {100G}
Vibration resistance	Functional*7	176.4 m/s <sup>2</sup> {18G}, 10 to 55 Hz at double amplitude of 3 mm
	Destructive	294 m/s <sup>2</sup> {30G}, 10 to 55 Hz at double amplitude of 5 mm
Unit weight	4 Form C:	Approx. 3 g .106 oz.

Part No.	Product No.	Manufacturer	Description	Contact Rating	Coil Voltage	Outline L*W*H	Type
36692	TQ4-12V	NAIS	4 Form C Relay	30VDC/1A	12VDC	26.7*9*5	TQ4
36695	TQ4-24V	NAIS	4 Form C PCB Relay	30VDC/1A	24VDC	26.7*9*5	TQ4
36689	TQ4-3V	NAIS	4 Form C PCB Relay	30VDC/1A	3VDC	26.7*9*5	TQ4
36688	TQ4-4.5V	NAIS	4 Form C PCB Relay	30VDC/1A	4.5VDC	26.7*9*5	TQ4
36698	TQ4-48V	NAIS	4 Form C PCB Relay	30VDC/1A	48VDC	26.7*9*5	TQ4
22000	TQ4-5V	NAIS	4 Form C PCB Relay	30VDC/1A	5VDC	26.7*9*5	TQ4
36687	TQ4-6V	NAIS	4 Form C PCB Relay	30VDC/1A	6VDC	26.7*9*5	TQ4
36686	TQ4-9V	NAIS	4 Form C PCB Relay	30VDC/1A	9VDC	26.7*9*5	TQ4



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