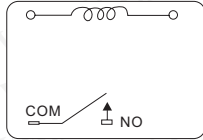
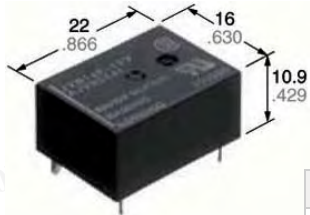




Relays & Solenoids

NAIS_PCB Relays

Detailed product specifications are available on: us.100y.com.tw

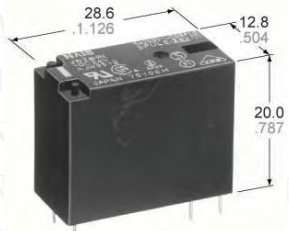


TYPICAL APPLICATIONS

- AV equipment: TV's, VTR's, etc.
- OA equipment
- HA equipment



Part No.	Product No.	Manufacturer	Description	Coil Voltage	Type
46983	JVN1aF-12V-F	NAIS	COMPACT FLAT POWER RELAY FOR HEATER LOADS	12V	JV-N

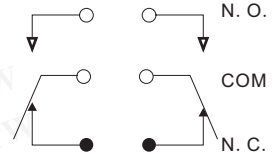


FEATURES

- Miniature package with universal terminal footprint
- High dielectric withstanding for transient protection: 10,000 V surge in μ s between coil and contact
- Sealed construction
- Class B coil insulation types available
- TV rated (TV-5) types available (only for 1 Form A type)
- VDE, TÜV, SEMKO, SEV, FIMKO, TV-5 also approved

TYPICAL APPLICATIONS

1. Home appliances TV sets, VCR, Microwave ovens
2. Office machines Photocopiers, Vending machines
3. Industrial equipment NC machines, Robots, Temperature controllers



COIL

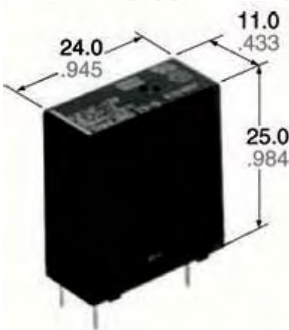
SPECIFICATIONS Contact

		Standard type	High capacity type
Arrangement		1 Form A, 1 Form C, 2 Form A, 2 Form C	1 Form A, 1 Form C
Initial contact resistance, max. (By voltage drop 6 V DC 1 A)		100 mΩ	
Contact material		Silver alloy	
Rating (resistive load)	Nominal switch-ing capacity	5 A 250 V AC, 5 A 30 V DC	10 A 250 V AC, 10 A 30 V DC
	Max. switching power	1,250 VA, 150 W	2,500 VA, 300 W
	Max. switching voltage	250 V AC, 30 V DC	
	Max. switching current	5 A	10 A

Characteristics

	Standard type	High capacity type
Max. operating speed (at rated load)	6 cpm	
Initial insulation resistance	Min. 1,000 MΩ at 500 V DC	
Shock resistance	Functional* ⁴	Min. 98 m/s ² {10 G}
	Destructive* ⁵	Min. 980 m/s ² {100 G}
Vibration resistance	Functional* ⁶	Approx. 98 m/s ² {10 G}, 10 to 55 Hz at double amplitude of 1.6 mm
	Destructive	Approx. 117.6 m/s ² {12 G}, 10 to 55 Hz at double amplitude of 2.0 mm
Unit weight	Approx. 13 g .46 oz	
Coil		
Nominal operating power	530 mW	

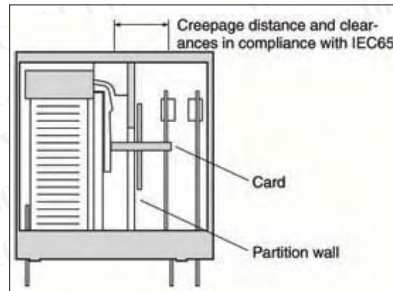
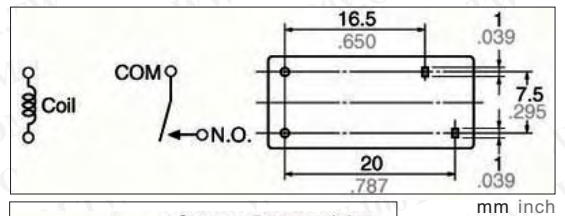
Part No.	Product No.	Manufacturer	Description	Contact Arrangement	Contact Rating	Coil Voltage	Recognized Safety	Outline L*W*H	Type
46353	JW2SN-DC12V	NAIS	Compact PCB Power Relays	2 Form C	5A/250VAC	12VDC	UL,CSA,VDE	28.6*12.8*20	JW



FEATURES

1. High inrush current capability
 - 1) Operating load capability: inrush 100 A, steady 5 A
 - 2) UL/CSA, TV-5
2. High insulation resistance between contact and coil
 - 1) Creepage distance and clearances between contact and coil: Min. 6 mm .236 inch (In compliance with IEC65)
 - 2) Surge withstand voltage between contact and coil: 10,000 V or more
3. High noise immunity realized by the card separation structure between contact and coil
4. Popular terminal pitch in AV equipment field
5. Space-saving slim type

Base area: Width 11 × Length 24 mm
Width .433 × Length .945 inch
6. Conforms to the various safety standards
UL, CSA, VDE, TÜV, SEMKO, SEV, BSI approved



TYPICAL APPLICATIONS

- AV equipment: TV's, VTR's, etc.
- OA equipment
- HA equipment

SPECIFICATIONS Contact

		1 Form A
Arrangement		1 Form A
Initial contact resistance, max. (By voltage drop 6 V DC 1 A)		Max. 100 mΩ
Contact material		AgSnO ₂ type
Rating (resistive load)	Nominal switching capacity	5 A 277 V AC, 5 A 30 V DC
	Max. switching power	1,385 VA, 150 W
	Max. switching voltage	277 V AC, 30 V DC
	Max. switching current	5 A (AC), 5 A (DC)
	Min. switching capacity ^{#1}	100 mA, 5 V DC

Characteristics

	Standard type	High capacity type
Max. operating speed	20 cpm	
Initial insulation resistance* ¹	Min. 1,000 MΩ (at 500 V DC)	
Shock resistance	Functional* ⁵	Min. 200 m/s ²
	Destructive* ⁶	Min. 1,000 m/s ²
Vibration resistance	Functional* ⁷	10 to 55 Hz at double amplitude of 1.5 mm
	Destructive	10 to 55 Hz at double amplitude of 1.5 mm
Unit weight	Approx. 12 g .42 oz	
Coil		
Nominal operating power	530 mW	

Part No.	Product No.	Manufacturer	Description	Coil Voltage	Type
46970	LK1aF-12V	NAIS	SLIM POWER RELAY WITH HIGH INRUSH CURRENT CAPABILITY	12V	LK

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