继电器+电磁阀

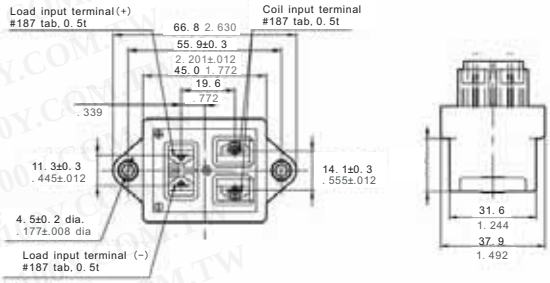
NAIS_PCB继电器

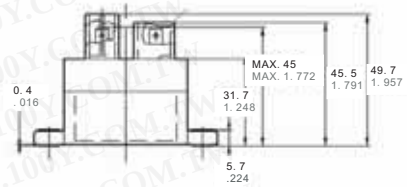
详细产品规格－请点击cn.100y.com.tw

规格:

Contact

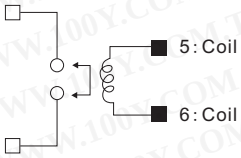
规格		10A type
安排		1 Form A
规定值	一般开关电容 (resistive load)	10A 400V DC
	短期电流	15A (2min), 30A (30sec)(2mm²)
	最小开关电容#1	1A 12V DC
	超载开头/关闭的规定值	30A 400V DC (50 cycles)#3
	反向定点	-10A 200V DC (2.5x104 cycles)#3
	触点电压降落	Max. 0.5V (When current is 10A per 1 contact set)
希望寿命 (最小操作)	机械	10^5
	电子	10A 400V DC 7.5×10⁴(L/R ≤ 1ms)#2





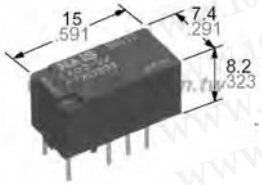
Characteristics

初绝缘电阻		Min. 100MΩ (at 500 V DC)*1
毛坯轧件电压	开放触点之间	AC 2,500 Vrms for 1min.*2
	触电和线圈之间	AC 2,500 Vrms for 1min.*2
动作时间(at 20°C 68°F)		For 10A type: Max. 50ms*3 For 80A type: Max. 50ms*3 For 300A type: Max. 30ms*3
释放时间(without diode) (at 20°C 68°F)		For 10A type: Max. 30ms*4 For 80A type: Max. 30ms*4 For 300A type: Max. 10ms*4
冲击电阻	Functional	For 10A type: Min. 196m/s²{20 G}*5 For 80A, 300A type (ON): Min. 196m/s²{20 G}*5 For 80A, 300A type (OFF): Min. 98m/s²{10 G}*5
	Destructive	Min. 490 m/s²{50 G}*6
振动电阻	Functional	For 10A, 80A type: 10 Hz to 200 Hz, Min.43 m/s² {4.4 G} *7 For 300A type: 10 Hz to 200 Hz, Min.44 m/s² {4.5 G} *7
	Destructive	For 10A, 80A type: 10 Hz to 200 Hz, Min.43 m/s² {4.4 G} *8 For 300A type: 10 Hz to 200 Hz, Min.44 m/s² {4.5 G} *8
条件为操作、运输和存贮* 10 (不结冰和不凝聚在低温)	环境温度	For 10A, 80A type: −40°C to +80°C −40 to +176°F*9 For 300A type: −40°C to +85°C −40 to +185°F*9
	湿度	5% R.H. to 85% R.H.
质量		10A type: 80g 2.82 oz 80A type: 400g 14.11 oz 300A type: 750g 26.46 oz



Schematic (TOP VIEW)
Load side has polarities (+) and (−)

100Y 编号	厂商编号	制造厂商	说明	Coil Voltage	Type
47112	AEV110242	NAIS	NAIS_继电器 24V	24V	EV



特点:

• 紧凑细小外壳节省空间

由于小表面 5.7 mm × 10.6 mm .224 inch × .417 inch 并且低高度9. 0 毫米354 英寸，包装的密度可能被增加考虑到更小的设计。

• 卓著的浪涌电阻。

浪涌承受在开放触点之间: 1,500 V 10×160 μs (FCC part 68)Surge 承受在线圈和触点之间I:2,500 V 2×10 μs (Telcordia)

• 对双胞胎标志横线联络的用途保证高联络可靠性。

AgPd 触点被使用由于它的好硫化物抵抗。采取低气体造型材料。卷汇编避免引起挥发性气体从线圈的造型技术。

• 增加包装密度

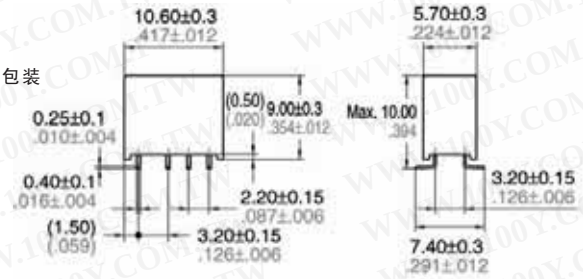
由于高有效电路设计，漏通量被减少且变化在电子特征上从组分安上关闭一起减到最小。这说明包装密度比先前高.

• 一般操作功率: 140 mW

• 卓著的振动和冲击电阻.

功能冲击电阻: 750 m/s² {75G}

破坏性冲击电阻: 1,000 m/s2 {100G}功能振动电阻: 10 to 55 Hz (at double amplitude of 3.3 mm .130 inch)破坏性振动电阻: 10 to 55 Hz (at double amplitude of 5 mm .197 inch)

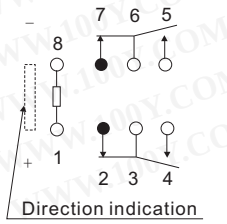
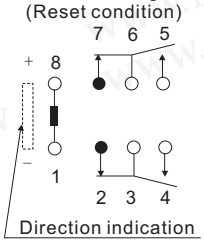


规格:

Contact

安排			2 Form C
最大初触点电阻(By voltage drop 6 V DC 1A)			100 mΩ
触点材质			Stationary: AgPd+Au clad Movable: AgPd
规定值	一般开关电容(resistive load)		1 A 30 V DC0.3 A 125 V AC
	最大开关功率 (resistive load)		30 W, 37.5 V A
	最大开关电压		110 V DC, 125 V AC
	最大开关电流		1 A
	最小开关电容 (Reference value)#1		10 μA 10 mV DC
一般操作功率	Single side stable		140mW (1.5 to 12 V DC) 230mW (24 V DC)
	1 coil latching		100mW (1.5 to 12 V DC) 120mW (24 V DC)
希望寿命 (最小操作)	机械(at 180 cpm)		5 × 10^7
	电子 (at 20 cpm)	1 A 30 V DC resistive	10^5
		0.3 A 125 V AC resistive	10^5

Single side stable (Deenergized condition)



1 coil latching (Reset condition)