



Relays & Solenoids

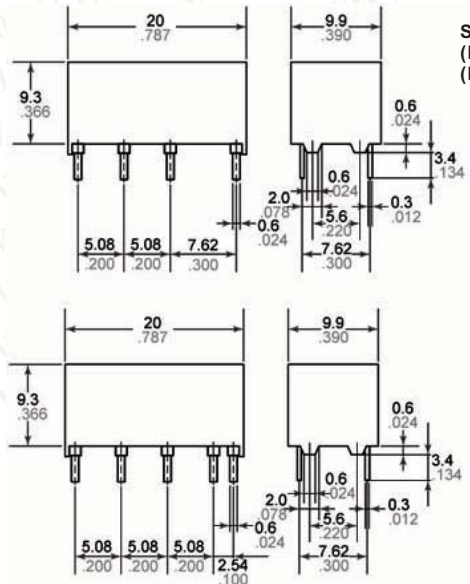
Detailed product specifications are available on: us.100y.com.tw

NAIS_PCB Relays

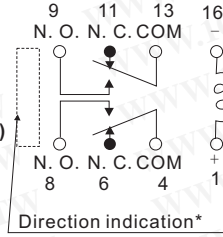


- FEATURES**
- 2 Form C contact
 - High sensitivity-200 mW nominal operating power
 - High breakdown voltage
1500 V FCC surge between open contacts
 - DIP-2C type matching 16 pin IC socket
 - Sealed construction

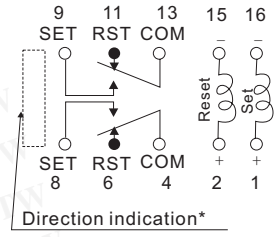
- TYPICAL APPLICATIONS**
- Telecommunication equipment
 - Office equipment
 - Computer peripherals
 - Security alarm systems
 - Medical equipment



Schematic (Bottom view) (Deenergized position)



Schematic (Bottom view) (Reset position)



SPECIFICATIONS Contact

Arrangement	2 Form C	
Initial contact resistance, max. (By voltage drop 6 V DC 1 A)	50 m Ω	
Contact material	Gold-clad sliver	
Rating (resistive)	Rating (resistive)	
	Max. switching voltage	60 W, 62.5 VA
	Max. switching current	220 V DC, 250 V AC
	Max. carrying current	2 A
	3 A	

Characteristics (at 20 ° C 68 ° F)

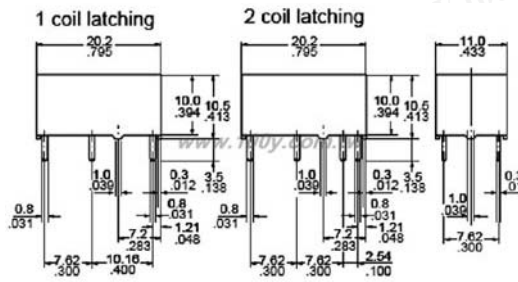
Initial insulation resistance* ¹	Min. 100 MΩ (at 500 V DC)	
Shock resistance	Functional* ⁴	Min. 490 m/s ² {50 G}
	Destructive* ⁵	Min. 980 m/s ² {100 G}
Vibration resistance	Functional* ⁶	10 to 55 Hzat double amplitude of 3.3 mm
	Destructive	10 to 55 Hzat double amplitude of 5 mm
Unit weight	Approx. 4 g .14 oz	

Part No.	Product No.	Manufacturer	Description	Contact Arrangement	Contact Rating	Coil Voltage	Outline L*W*H	Type
36789	DS2Y-D-DC1.5V	NAIS	MINIATURE RELAY	2 Form C	0.3A125Vac/0.3A110Vdc	1.5Vdc	20*9.3*9.9	DS2Y
22166	DS2Y-D-DC12V	NAIS	MINIATURE RELAY	2 Form C	0.3A125Vac/0.3A110Vdc	12Vdc	20*9.3*9.9	DS2Y
36790	DS2Y-D-DC3V	NAIS	MINIATURE RELAY	2 Form C	0.3A125Vac/0.3A110Vdc	3Vdc	20*9.3*9.9	DS2Y
36791	DS2Y-D-DC5V	NAIS	MINIATURE RELAY	2 Form C	0.3A125Vac/0.3A110Vdc	5Vdc	20*9.3*9.9	DS2Y
36793	DS2Y-D-DC6V	NAIS	MINIATURE RELAY	2 Form C	0.3A125Vac/0.3A110Vdc	6Vdc	20*9.3*9.9	DS2Y
36795	DS2Y-D-DC9V	NAIS	MINIATURE RELAY	2 Form C	0.3A125Vac/0.3A110Vdc	9Vdc	20*9.3*9.9	DS2Y
36799	DS2Y-S-DC24V	NAIS	MINIATURE RELAY	2 Form C	0.3A125Vac/0.3A110Vdc	24Vdc	20*9.3*9.9	DS2Y



High parameters of the commutation: 1HO: 8 A 250 V AC / 1HO1H3, 2HO: 5 A 250 V AC
 Low energy consumption: 190 mW
 High resistance to sealing of the contacts
 The polarized relays are accessible
 The high voltage of breakdown 3,000 vrms between the contacts and coil 1,000 vrms between the open contacts satisfies the requirements FCC Part 68
 Class of protection Ip67

Part No.	Product No.	Manufacturer	Description	Contact Arrangement	Contact Rating	Coil Voltage	Recognized Safety	Outline L*W*H	Type
19033	DSP1-DC12V	NAIS	High Breakdown Voltage Capacity	1c,2c,4c	5A 250V	DC12V	UL(E43149), CSA(LR26550)	20*9.9*9.8	DS-Relay
36787	DSP1-DC24V	NAIS	High Breakdown Voltage Capacity	1c,2c,4c	5A 250V	DC24V	UL(E43149), CSA(LR26550)	20*9.9*9.8	DS-Relay
36780	DSP1-DC3V	NAIS	High Breakdown Voltage Capacity	1c,2c,4c	5A 250V	DC3V	UL(E43149), CSA(LR26550)	20*9.9*9.8	DS-Relay
36782	DSP1-DC5V	NAIS	High Breakdown Voltage Capacity	1c,2c,4c	5A 250V	DC5V	UL(E43149), CSA(LR26550)	20*9.9*9.8	DS-Relay
36785	DSP1-DC6V	NAIS	High Breakdown Voltage Capacity	1c,2c,4c	5A 250V	DC6V	UL(E43149), CSA(LR26550)	20*9.9*9.8	DS-Relay
36786	DSP1-DC9V	NAIS	High Breakdown Voltage Capacity	1c,2c,4c	5A 250V	DC9V	UL(E43149), CSA(LR26550)	20*9.9*9.8	DS-Relay



FEATURES

- Power types added to DS relay series
- High switching capacity: 1a: 8 A 250 V AC / 1a1b, 2a: 5 A 250 V AC
- High sensitivity: 190 mW pick-up power
- High contact welding resistance
- Latching types available
- High breakdown voltage 3,000 Vrms between contacts and coil 1,000 Vrms between open contacts Meeting FCC Part 68
- Sealed types are standard



T E L : Taiwan : 886-3-5753170
 F A X : Taiwan : 886-3-5753172
 E-mail : Taiwan : us_sale@100y.com.tw
 Shenzhen : 86-755-83298787
 Shenzhen : 86-755-83640655
 Shenzhen : 100y@163.com
 Shanghai : 86-21-54151736
 Shanghai : 86-21-64605107
 Shanghai : 100y-1@163.com