NF FORWARD

25.5×15×16.4

NF136

Features

- Low profile micro 280 terminal.
- 25A switching capability.
- Contact arrangement:1A.
- Can be widey used in car relay box.
- Environmental protection with dust cover

Ordering Information

NF136	100	E	12	R	XXXX
1	2	3	4	5	6

1. Type:	NF136
2. Contact arrangement:	100 = 1A;
3. Contact material:	E = Ag alloy
4. Coil voltage:	12 = 12VDC;
5. Coil suppression	R = Resistor;
6. Special code:	XXXX = Letters and / or number for special customer design

Contact Data

Contact Arrangement		1A(1H)（SPSTNO）	
Contact Material		Ag Alloy	
Contact Rating (resistive)		25A/14VDC	
Max. Switching Power		350W	
Max. Switching Voltage		16VDC	Max. Switching Current: 25A
Voltage drop(initial)		≤50mV(at 10A)	Item 4 .12 of IEC 61810-7
Operation Life	Electrical	10^5	Item 4 .30 of IEC 61810-7
	Mechanical	10^6	Item 4 .31 of IEC 61810-7

Coil Parameter

Dash numbers	Coil voltage VDC		Coil resistance Ω ±10%	Pickup voltage VDC(max) (65%of rated voltage)	Release voltage VDC(min)	Coil power consumption (W)	Operate Time ms	Release Time ms
	Rated	Max.	With resistance			With resistor		
012-0960	12	15.6	132	7.8	1.0	Approx. 1.09	≤10	≤10

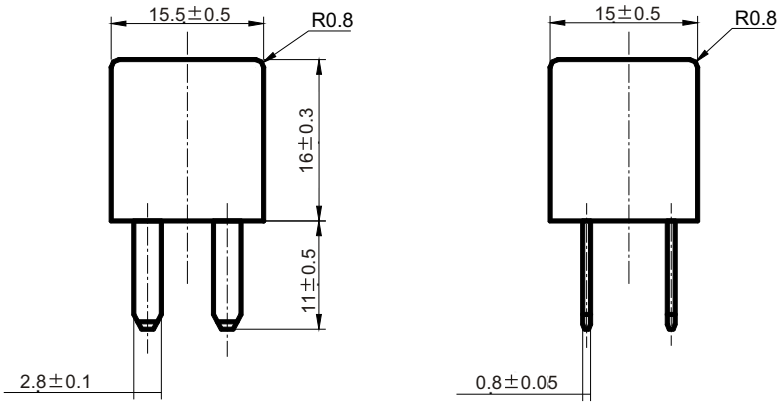
CAUTION: 1.The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay.
2.Pickup and release voltage are for test purposes only and are not to be used as design criteria.

Operation condition

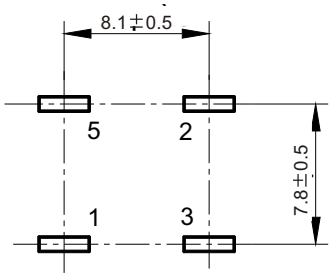
Insulation Resistance	100MΩ min (at 500VDC)	Item 4.11 of IEC 61810-7
Dielectric Strength Between contacts Between contact and coil	 50~60Hz AC500V 1min 50~60Hz AC500V 1min	 Item 4.9 of IEC 61810-7 Item 4.9 of IEC 61810-7
Shock resistance	100m/s^2 11ms	Item 4.26 of IEC 61810-7
Vibration resistance	33Hz 44.1m/s^2	Item 4.28 of IEC 61810-7
Terminals strength	8N	Item 4.24 of IEC 61810-7
Ambient Temperature	-30℃~100℃	
Relative Humidity	35%~85% RH	Item 4.16 of IEC 6110-7
Mass	Approx. 10g	Item 4.7 of IEC 61810-7

Note: 1). When testing, coil terminals should be connected, If coil transient suppression is installed in relay .

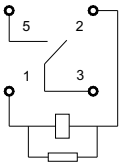
Dimensions mm



Dimensions



Mounting (Bottom view)



Wiring diagram (Bottom view)

Disclaimer

All technical performance data apply to the relay as such, specific conditions of the individual application are not considered. Please always check the suitability of the relay for your intended purpose. We do not assume any responsibility or liability for not complying herewith. We recommend to complete our questionnaire and to request our technical service. Any responsibility for the application of the product remains with the customer only. All specifications are subject to change without notification.