FORWARD RELAYS





15.6×15.2×16.4

Features

- Low profile micro 280 terminal.
- 20A switching capability.
- Contact arrangement:1A.
- Can be widey used in car relay box.

Ordering Information	
$\frac{\mathbf{NVF8}}{1} - \frac{\mathbf{A}}{2} \frac{\mathbf{Z}}{3} \frac{\mathbf{R}}{4}$	
1 Part number: NVF8 2 Contact arrangement: A:1A 3 Enclosure: Z: Flux proof	4 Coil transient suppression: R: with resistor

Contact Data

Contact Da	ala			
Contact Arra	ngement	1A(SPSTNO)		
Contact Material		AgSnO ₂		
Contact Rati	ng (Resistive)	20A/14VDC		
Max. Switchi	ing Power	280W		
Max. Switching Voltage		16VDC	Max. Switching Current: 25A	
Voltage Drop(Initial)		Typ: 50mV(at 10A)	Item 4.12 of IEC 61810-7	
Operation	Electrical	1×10 ⁵ Item 4.30 of IEC 61810-7		
Life	Mechanical	1×10 ⁶	Item 4.31 of IEC 61810-7	

Coil Parameter

Dash numbers		oltage DC	Coil resistance _Ω ± 10%			Operate		
	Rated	Max.	With resistance	vDC(max) voltage (65%of rated voltage)	With resistor	time ms	time ms	
012-1090	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.



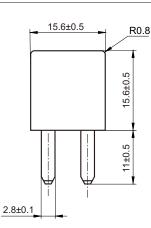
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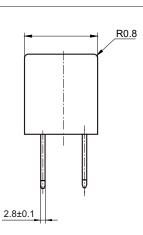
Characteristics

Insulation Resistance	10M Ω min (at 500VDC)	Item 4.11 of IEC 61810-7
Dielectric Strength		
Between Contacts	50~60Hz 500V 1min	Item 4.9 of IEC 61810-7
Between Contact and Coil	50~60Hz 500V 1min	Item 4.9 of IEC 61810-7
Shock Resistance	98m/s ² 11ms	Item 4.26 of IEC 61810-7
Vibration Resistance	10-55Hz Double amplitude 1.5mm	Item 4.28 of IEC 61810-7
Terminals Strength	8N	Item 4.24 of IEC 61810-7
Ambient Temperature	-40°C~100°C	
Relative Humidity	5% to 85%	Item 4.16 of IEC 6110-7
Mass	10g	Item 4.7 of IEC 61810-7

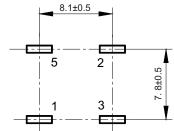
Note: 1). When testing, coil terminals should be connected, If coil transient suppression is installed in relay .

Dimensions

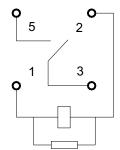




Dimensions



Mounting (Bottom view)



Wiring diagram (Bottom view)