

NVF4-5

 $26.5 \times 26.5 \times 25$

Features

- Small size.
- Contact load capacity up to 30A.
- Suitable for automobile.
- Terminal types as inserting.

Ordering Information						
NVF4-5 <u>C</u> <u>Z</u> <u>30</u> <u>b</u> <u>DC12V</u>	<u>R</u>					
1 2 3 4 5 6	7					
1 Part number: NVF4-5 2 Contact arrangement: A:1A 3 Enclosure: S: Sealed type; Z: Dust cover 4 Contact current: 30:30A		5 Terminals: b: PCB type; a: plug in type 6 Coil rated voltage(V): DC:12 7 Coil transient suppression: R: with resistance; NIL: standard				

Contact Data

ngement	1A (SPSTNO)	
erial	AgSnO ₂ , AgNi	
ng (resistive)	30A/14VDC	
ng Power	420W	
tching Voltage 75VDC Max		Max. Switching Current:30A
stance or Voltage drop	<100mV (at 30A)	Item 4.12 of IEC 61810-7
Electrical	10 ⁵	Item 4.30 of IEC 61810-7
Mechanical	10 ⁷	Item 4.31 of IEC 61810-7
	stance or Voltage drop Electrical	AgSnO₂ , AgNi ag (resistive) 30A/14VDC ag Power 420W ag Voltage 75VDC stance or Voltage drop ≤100mV (at 30A) Electrical 10⁵

Coil Parameter

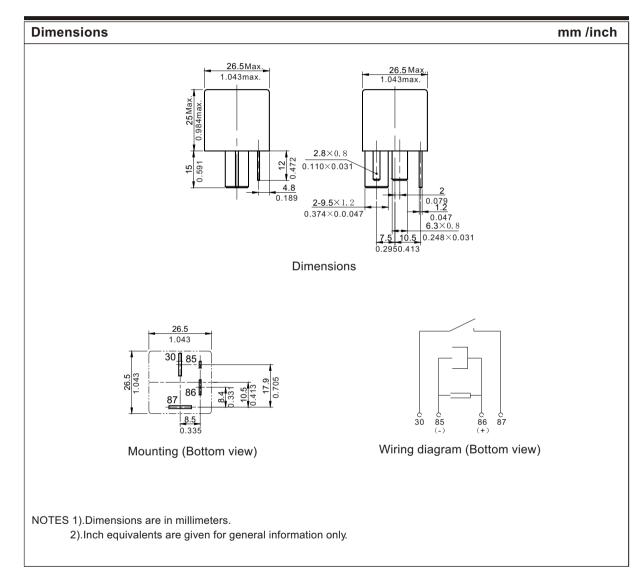
Dash Numbers	Coil v VI	oltage DC	Coil resistance $\Omega \pm 10\%$	Pick up voltage VDC(max) (67%of rated voltage)	Release voltage VDC(min) (12.5% of rated voltage)	Coil power consumption W	Operate Time ms	Release Time ms
	Rated	Max.						
012-2200	12	15.6	67	8	1.5	2.2	< 7	≪ 5

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 ¹⁾	100M Ω min (at 500VDC)	Item 7 of IEC 61810-5	
Dielectric Strength 1)			
Between contacts	50Hz 500V	Item 6 of IEC 61810-5	
Between contact and coil	50Hz 500V	Item 6 of IEC 61810-5	
Shock resistance	147m/s ² 11ms	IEC68-2-27 Test Ea	
Vibration resistance	10~40Hz double amplitude 1.5mm	IEC68-2-6 Test Fc	
Terminals strength	8N	IEC68-2-21 Test Ua2	
Solderability	235℃ ± 2℃ 3 ± 0.5s	IEC68-2-20 Test Ta method 1	
Ambient Temperature	-40~125℃		
Relative Humidity	85% (at 40℃)	IEC68-2-3 Test Ca	
Mass	30g		

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



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