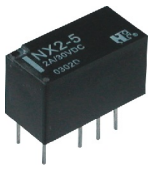
DB LECTRO INC

Présente / Presents:

NINGBO HUAGUAN ELECTRONICS CO.,LTD.

NHG

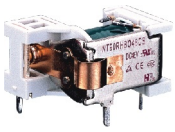












DB LECTRO Inc. 3755 Place Java, Suite 140, Brossard, Québec, J4Y 0E4, Canada - T: 1-450-444-1424 / F: 1-450-444-4714 / www.dblectro.com



22.5×15×25.0

NVF28

RoHS

Features

- 35A continous NO contact rating at 85℃.
- 2.8mm quick connect terminals .
- Contact arrangement form A and C available.
- Suitable for automobile fuel pump,A/C compressor clutch,horn and Lighting systems etc.

Ordering Information

NVF28	A	20	DC6V	1.3	R
1	2	3	4	5	6

1 Part number: NVF28
2 Contact arrangement: A:1A; C:1C
3 Contact Current: NO:35A;NC:25A;
4 Coil rated voltage(V): DC:6,12,24
5 Coil power consumption: 0.9:0.9W; 1.3:1.3W
6 Coil transient suppression: NIL: Standard; R:with resistance
D: with diode

Contact Data

Contact Arrangement		1A（SPSTNO） 1C（SPDT(B-M)）	
Contact Material		$AgSnO_2$	
Contact Rating		NO：35A/14VDC；NC：25A/14VDC	
Max. Switching Power		560W	
Max. Switching Voltage		75VDC	
Max. Switching Current		NO:40A,NC:30A	
Max. Continous Current		NO:35A,NC:25A	
Contact Resistance or Voltage drop		100mΩ（1A 6VDC）； ≤250mV(10A) example:50mV	Item 3.12 of IEC255-7
Operational life	Electrical	1×10^5	Item 3.30 of IEC255-7
	Mechanical	1×10^7	Item 3.31 of IEC255-7

Coil Parameter

Dash numbers	Coil voltage VDC		Coil resistance Ω ±10%	Pickup voltage VDC(max) (60%of rated voltage)	Release voltage VDC(min) (10% of rated voltage)	Coil power consumption W	Operate Time ms	Release Time ms
	Rated	Max.						
006-090	6	7.8	40	3.6	0.6	0.9	≤5	≤2
012-090	12	15.6	160	7.2	1.2			
024-090	24	31.2	640	14.4	2.4			
006-130	6	7.8	27	3.6	0.6	1.3		
012-130	12	15.6	109	7.2	1.2			
024-130	24	31.2	436	14.4	2.4			

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

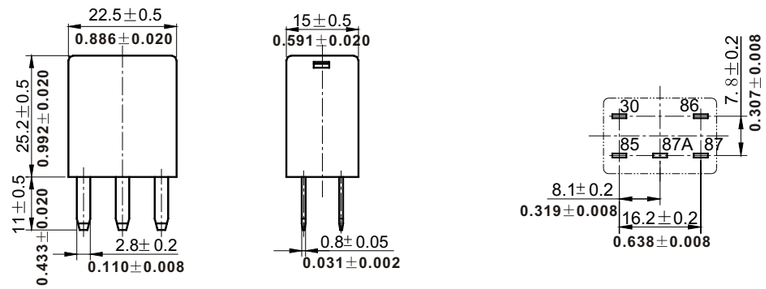
Insulation Resistance	100MΩ min (at 500VDC)	Item 7 of IEC255-5
Dielectric Strength Between contacts Between contact and coil	 50Hz 500V 50Hz 500V	 Item 6 of IEC255-5 Item 6 of IEC255-5
Shock resistance	200m/s² 11ms	IEC68-2-27 Test Ea
Vibration resistance	10~40Hz double amplitude 1.27mm 40~70Hz 49m/s² 70~100Hz double amplitude 0.5mm 100~500Hz 98m/s²	IEC68-2-6 Test Fc
Terminals strength	10N	IEC68-2-21 Test Ua1
Solderability	235℃ ±2℃ 3±0.5s	IEC68-2-20 Test Ta method 1
Ambient Temperature	-40~125℃	
Relative Humidity	85% (at 20℃)	IEC68-2-3 Test Ca
Mass	21g	

Qualification inspection:

Perform the qualification test as specified in the table Ⅳ of IEC255-19-1 and minimum sample size 24.

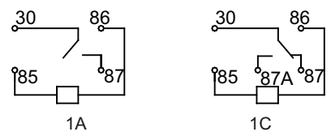
Dimensions

mm /inch



Dimensions

Mounting (Bottom view)



Wiring diagram
(Bottom view)

NOTES: 1) Dimensions are in millimeters.
2) Inch equivalents are given for general information only.