

32.6×25.2×21

NVFS

Features

- Small size and light weight. Heavy contact load (30A).
- Contact arrangement Form A.
- Suitable for automobile and lamp accessories application.
- Insert mounting ,With metal frame.

Ordering Information

NVFS A 15 DC12V
1 2 3 4

1 Part number：NVFS
2 Contact arrangement： A:1A
3 Contact rating：15:15A/14VDC；30:30A/14VDC
4 Coil rated Voltage(V)：DC: 6,12,24

Contact Data

Contact Arrangement		1A（SPSTNO）	
Contact Material		$AgSnO_2$	
Contact Rating (resistive)		15A，30A/14VDC	
Max. Switching Power		420W	
Max. Switching Voltage		75VDC	Max. Switching Current:30A
Contact Resistance or Voltage drop		≤50mΩ	Item 4 .12 of IEC 61810-7
Operation Life	Electrical	10^5	Item 4.30 of IEC 61810-7
	Mechanical	10^7	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) (20% of rated voltage)	Coil power consumption W	Operate Time ms	Release Time ms
	Rated	Max.						
006-1800	6	7.8	20	3.9	1.2	1.8	≤7	≤5
012-1800	12	15.6	80	7.8	2.4			
024-1800	24	31.2	320	15.6	4.8			

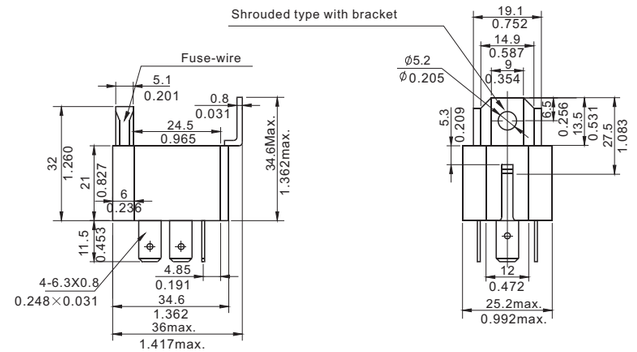
CAUTION: 1.The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay.
2.Pickup and release voltage are for test purposes only and are not to be used as design criteria.

Operation condition

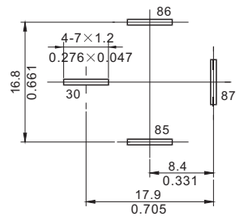
Insulation Resistance	100MΩ min (at 500VDC)	Item 7 of IEC 61810-5
Dielectric Strength Between contacts Between contact and coil	 50Hz 500V 50Hz 750V	 Item 6 of IEC 61810-5 Item 6 of IEC 61810-5
Shock resistance	147m/s² 11ms	IEC68-2-27 Test Ea
Vibration resistance	10~40Hz double amplitude 1.27mm	IEC68-2-6 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	-40~105℃	
Relative Humidity	85% (at 40℃)	IEC68-2-3 Test Ca
Mass	32g	

Dimensions

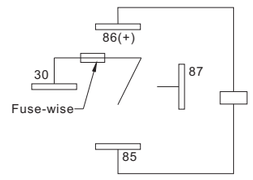
mm /inch



Dimensions



Mounting (Bottom view)



Wiring diagram (Bottom view)

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