



NVF4-7
26.5×26.5×25.2



NVF4-8
26.5×26.5×25.2(+16)

Features

- Small size and light weight.
- Heavy contact load (70A).
- Suitable for automobile and lamp accessories application.
- PC board mounting and direct insert mounting available.

Contact Data

Contact Arrangement		1A (1H) (SPSTNO)	
Contact Material		AgSnO ₂ , AgNi	
Contact Rating (resistive)		70A/14VDC, 50A/14V (at 85°C)	
Max. Switching Power		980W	
Max. Switching Voltage		75VDC	
Max. Switching Current		80A	
Contact Resistance or Voltage drop		$\leq 30m\Omega$ $\leq 200mV(70A)$	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

Coil Parameters:

Dash numbers	Coil voltage VDC		Coil resistance $\Omega \pm 10\%$	Pick up 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.						
006-1900	6	7.8	19	3.6	0.6	1.9	≤ 7	≤ 2
012-1900	12	15.6	76	7.2	1.2			
024-1900	24	31.2	303	14.4	2.4			
012-1600	12	15.6	90	7.2	1.6	1.6		
024-1600	24	31.2	360	14.4	3.2			
006-2300	6	7.8	16	3.6	0.6	2.3		
012-2300	12	15.6	63	7.2	1.2			
024-2300	24	31.2	251	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.

