

Features

- Switching capacity up to 20A.
- PC board mounting.
- Suitable for automobile auxiliary.

Ordering Information

NSAM 2C S 15 12VDC

1 2 3 4 5

1 Part number: NSAM

2 Contact arrangement: 2A:2A; 2C:2C;

3 Enclosure: S: Sealed type; Z: Dust cover

4 Contact Current: 7A,10A,15A,20A

5 Coil rated Voltage(V): DC:3,5,6,9,12,18,24

Contact Data

Contact Arrangement

2A (DPSTNO)、2C (DPDT(B-M))

Contact Material

Ag-SnO₂

Contact Rating (resistive)

NO: 15A,20A/15VDC, 10A,15A/24VDC,125VAC ;
NC: 10A,15A/15VDC,125VAC; 7A,10A/24VDC

Max. Switching Power

300W 2000VA

Max. Switching Voltage

30VDC 220VAC

Max. Switching Current:20A

Contact Resistance or Voltage drop

≤50mΩ

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Operation | Electrical

10⁵

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life

| Mechanical

10⁷

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Coil Parameter

Dash numbers	Coil voltage VDC		Coil resistance Ω±10%	Pickup voltage VDC(max) (75%of rated voltage)	release voltage VDC(min) (5% of rated voltage)	Coil power consumption W	Operate Time ms	Release Time ms
	Rated	Max.						
005-450	5	6.5	56	3.75	0.25	0.45	≤10	≤5
006-450	6	7.8	80	4.50	0.30			
009-450	9	11.7	180	6.75	0.45			
012-450	12	15.6	320	9.00	0.60			
018-450	18	23.4	720	13.5	0.90			
024-450	24	31.2	1280	18.0	1.20			

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.

Qualification inspection:

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

Dimensions (Unit: mm)		mm	inch
<p>Dimensions</p> <p>Mounting (Bottom views)</p> <p>2C 2A</p> <p>Wiring diagram(Bottom views)</p>	Max 23.1	23.1	0.909
	Max 17.2	17.2	0.677
	Max 16.2	16.2	0.638
	0.4	0.4	0.016
	1.25	1.25	0.049
	3.5	3.5	0.138
	11	11	0.433
	4	4	0.157
	2.6	2.6	0.102
	11.6	11.6	0.457
	6	6	0.236
	4	4	0.157
8	8	0.315	
3	3	0.118	
8	8	0.315	
5.3	5.3	0.209	
5.3	5.3	0.209	
6.1	6.1	0.240	
6.1	6.1	0.240	
8.0	8.0	0.315	
11	11	0.433	
11.6	11.6	0.457	
16.2	16.2	0.638	
17.2	17.2	0.677	
23.1	23.1	0.909	

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

Reference Data		
<p>Operation Time</p>	<p>Coil Temp Rise</p>	<p>Life expectancy</p>