

NG8QN & NG8QW



16.0×12.5×14.4 16.0×25.5×14.4

Features

- Small size, light weight.
- Low coil consumption.
- PC board mounting.
- Suitable for household electrical appliances, automobile system, window,wipe motor ,hours, doorlock.

Ordering Information

NG8QN C S 10 DC12V 0.69
 1 2 3 4 5 6

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| 1 Part number: NG8QN NG8QW | 4 Contact rating: 15A,20A/14VDC |
| 2 Contact arrangement: C:1C; U:1U;
(NG8QW) 2C:2C,2U:2U | 5 Coil rated voltage(V): DC:12 |
| 3 Enclosure: S: Sealed type; NIL: Dust cover | 6 Coil power consumption: 0.69:0.69W |

Contact Data

Contact Arrangement	1C (SPDT(B-M)) ,1U (SPSTNODM) ,2C (DPDT) ,2U (DPSTNODM)		
Contact Material	AgCdO AgSnO ₂		
Contact Rating (resistive)	15A, 20A/14VDC inrush current 30A (L/R=7mS; 15mS max)		
Max. Switching Power	280W		
Max. Switching Voltage	16VDC	Max. Switching Current:20A	
Contact Resistance or Voltage drop	<100mΩ	Item 4.12 of IEC 61810-7	
	250mV(at10A)	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) (61%of rated voltage)	Release voltage VDC(min) (7.5% of rated voltage)	Coil power consumption W	Operate Time ms	Release Time ms
	Rated	Max.						
012-690	12	16	210	7.3	0.9	0.69	<10	<5
				9.0(at 80℃)				

- 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.