

DB ELECTRO ^{UN}

Présente / Presents:

NINGBO HUAGUAN ELECTRONICS CO., LTD.

NHG ^R





40×35×36



JQ104E

Features

- Small size and light weight.
- Heavy contact load (100A).
- Contact arrangement Form A and C available.
- Suitable for automobile and lamp accessories application.
- PC board mounting and direct insert mounting available.

Ordering Information

JQ104E A Z 100 b DC12V N D
 1 2 3 4 5 6 7 8

1 Part number: NVF7
 2 Contact arrangement: A:1A;
 3 Enclosure: S: Sealed type; Z: Dust cover;
 4 Contact current: 100A

5 Terminals: b: PCB type; a: plug in type
 6 Coil rated voltage(V): DC:6,12,24
 7 Contact material: N:AgNi; NIL: AgSnO₂
 8 Coil transient suppression: D: with diode.;
 2D:with two diodes.;
 R: with resistance.;
 DR: with diode and resistance;
 NIL: standard

Contact Data

| | | |
|------------------------------------|---------------------------|---------------------------------------|
| Contact Arrangement | 1A (SPSTNO) | |
| Contact Material | AgSnO ₂ , AgNi | |
| Contact Rating (resistive) | 100A/14VDC | |
| Max. Switching Power | 400W | |
| Max. Switching Voltage | 75VDC | Max. Switching Current:100A |
| Contact Resistance or Voltage drop | ≤ 30mΩ | Item 3.12 of IEC255-7 |
| Operation life | Electrical | 10 ⁵ Item 3.30 of IEC255-7 |
| | Mechanical | 10 ⁷ Item 3.31 of IEC255-7 |

Coil Parameter

| Dash numbers | Coil voltage VDC | | Coil resistance Ω ±10% | Pick up voltage VDC(max) (55%of rated voltage) | Release voltage VDC(min) (10% of rated voltage) | Coil power consumption W | Operate Time ms | Release Time ms |
|--------------|------------------|------|------------------------|--|---|--------------------------|-----------------|-----------------|
| | Rated | Max. | | | | | | |
| 012-10000 | 12 | 14.5 | 80 | 6.6 | 1.2 | 10 | ≤7 | ≤2 |

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.

FORWARD RELAYS



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Electrical
Mechanical

| | | | |
|--------------|------------------|--|-----|
| Dash numbers | Coil voltage VDC | | Ω ± |
| | | | |