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# General Purpose Power Relay



NNC68AZL

Industrial & Electrical Components



- General purpose power relay
- For plug-in socket,35mm DIN rail
- With Rotary Lock Mechanism
- LED indication

#### **CONTACT**

| Contact Form            | 2A/2B/2C              |  |  |
|-------------------------|-----------------------|--|--|
| Contact Material        | AgSnO2                |  |  |
| Contact Resistance      | Max.: 100 mΩ          |  |  |
| (6VDC,1A)               | WIGA 100 HI22         |  |  |
| Rating                  |                       |  |  |
| Resistive load (cosφ=1) | 12A 240VAC/28VDC (2C) |  |  |
|                         |                       |  |  |
| Max. Switching Voltage  | 240VAC/28VDC          |  |  |
| Max. Switching Current  | 12A                   |  |  |
| Expected life           |                       |  |  |
| Mechanical              | 1×10 <sup>7</sup>     |  |  |
| Electrical              | 1×10 <sup>5</sup>     |  |  |

#### **CHARACTERISTICS**

| Operate Time                              |                 | 15msec. Max.                 |  |  |  |  |
|---|-----------------|------------------------------|--|--|--|--|
| Release Time                              |                 | 10msec. Max.                 |  |  |  |  |
| Dielectric strength( Leakage current 1mA) |                 |                              |  |  |  |  |
| Between Coil & Contacts                   |                 | 1500VAC (50/60Hz) for 1 min. |  |  |  |  |
| Between Contacts                          |                 | 1000VAC (50/60Hz) for 1 min. |  |  |  |  |
| Insulation Resistance                     |                 |                              |  |  |  |  |
| Between Contacts                          |                 | 100ΜΩ                        |  |  |  |  |
| Between Coil & Contacts                   |                 | 100ΜΩ                        |  |  |  |  |
| Vibration<br>Resistance                   | Endurance       | 10 to 55Hz, 1.0 mm D.A.      |  |  |  |  |
|   | Error Operation | 10 to 55Hz, 1.0 mm D.A.      |  |  |  |  |
| Ambient temperature                       |                 | -40℃~+85℃                    |  |  |  |  |
| Unit weight                               |                 | 35g                          |  |  |  |  |

#### ORDERING INFORMATION

e.g

NNC68AZL - 2C - 12D

(1)

(2)

(3)

① Part No.: Z=With Rotary Lock Mechanism

L = LED indication

② Contact Form:

2C=2C/O;

③ Coil Voltage: 12D=12VDC

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COIL DATA (at 20°C)

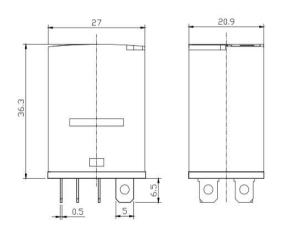
| Rated Voltage | Pick-up Voltage | Drop-out Voltage | Coil Resistance | Coil power | Max.Allowable Coil Voltage |
|---------------|-----------------|------------------|-----------------|------------|----------------------------|
|               | VDC (Max)       | VDC (Min)        | (Ω) ± 10%       |            | (VDC) at 23 ℃              |
| 12VDC         | 9.00            | 1.20             | 160.00          | 0.9W       | Rated voltage X110%        |
| 24VDC         | 18.00           | 2.40             | 640.00          |            |                            |
| 48VDC         | 36.00           | 4.80             | 2560.00         |            |                            |
| 110VDC        | 82.50           | 11.00            | 13400.00        |            |                            |
| 12VAC         | 9.60            | 3.60             | 42.00           | 1.2VA      |                            |
| 24VAC         | 19.20           | 7.20             | 168.00          |            |                            |
| 48VAC         | 38.40           | 14.40            | 672.00          |            |                            |
| 110VAC        | 88.00           | 33.00            | 3529.00         |            |                            |
| 220VAC        | 176.00          | 66.00            | 18021.00        | 0.94       |                            |

#### **DIMENSIONS**

Unit: mm

### DPDT

插座式:



## PCB式:

