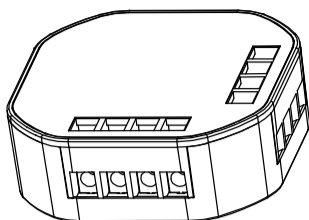




## NO & NC RELAY ZAC98



www.getzooz.com  
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### FEATURES

- 2-Channel Normally Open and Normally Closed Dry Contact Relay
- Accepts 12-24 V inputs (NO 120 V on the input side!)
- Controls any load up 1 A with 120 V AC and 3 A with 30 V DC on the output side of each relay

### SPECIFICATIONS

- Model Number: ZAC98
- **Input Signal: 12-24V AC/DC (Do NOT connect 120V!)**
- Output: up 1 A for 120 V AC loads and 3 A for 30 V DC loads per channel
- Accepted Wire Gauge: Up to 12 AWG
- Operating Temperature: 32-104° F (0-40° C)
- Installation and Use: Indoor only
- Dimensions: 1.9" x 1.9" x 0.7"

#### RELAY SPECS:

- Contact Rating (resistive load): 3A 30VDC, 1A 125VAC
- Safety Approval Ratings: UL/CUL: AgNi 1A 125VAC, 185° F; 3A 30VDC, 185° F
- Coil Data: Nominal Voltage DC: 5; Pick-up Voltage VDC max:  $\leq 3.75$ ; Drop-out Voltage VDC min:  $\geq 0.5$ ; Max Voltage VDC: 6.50; Resistance: 120  $\Omega$

## CAUTION

**This is an electrical device - please use caution when installing and operating the relay. This device is intended for installation in accordance with the National Electric Code and local regulations. It is recommended that a licensed electrician perform this installation. NEVER USE 120 V ON THE INPUT SIDE!**

Use the 2-channel NO & NC dry contact relay in a wide variety of applications to control external devices triggered by low-voltage input.

**This is NOT a Z-Wave device.** You can use this relay with the Zooz MultiRelay ZEN16 (sold separately, requires a Z-Wave hub) to add wireless control to connected devices.

### WARNING

- This product should be installed indoors upon completion of any building renovations.
- Prior to installation, the device should be stored in a dry, dust-and-mold-proof place.
- Do not install the device in a place with direct sun exposure, high temperature, or humidity.
- Keep away from chemicals, water, and dust.
- Ensure the device is never close to any heat source or open flame to prevent fire.
- Ensure the device is connected to an electric power source that does not exceed the maximum load power.
- No part of the device may be replaced or repaired by the user.

### WARRANTY

This product is covered under a 12-month limited warranty. To read the full warranty policy or file a warranty claim, please go to [www.getzooz.com/warranty](http://www.getzooz.com/warranty)

**FLIP FOR WIRING INSTRUCTIONS** 

## WIRING: READ IT!

- 1. CHECK THE LOAD:** make sure that the connected device does not exceed 1 A for 120 V AC powered loads and 3 A for 30 V DC loads per channel.
- 2. POWER OFF:** turn the circuit power off in the breaker panel before you start. If handling wiring from a box with multiple circuits, turn power off at all of the circuits.
- 3. CONNECT THE RELAY:** follow the instructions in the below diagram. If you're having problems understanding the schematics, please request custom instructions from our support team, we're happy to help:  
[ask@getzooz.com](mailto:ask@getzooz.com)

Go to [www.support.getzooz.com](http://www.support.getzooz.com) for wiring diagrams using the ZEN16 MultiRelay.

## WIRING TIPS

### TAKE PICTURES

Before you disconnect any wires, document your set-up and send us images of your existing installation so we can help if needed.

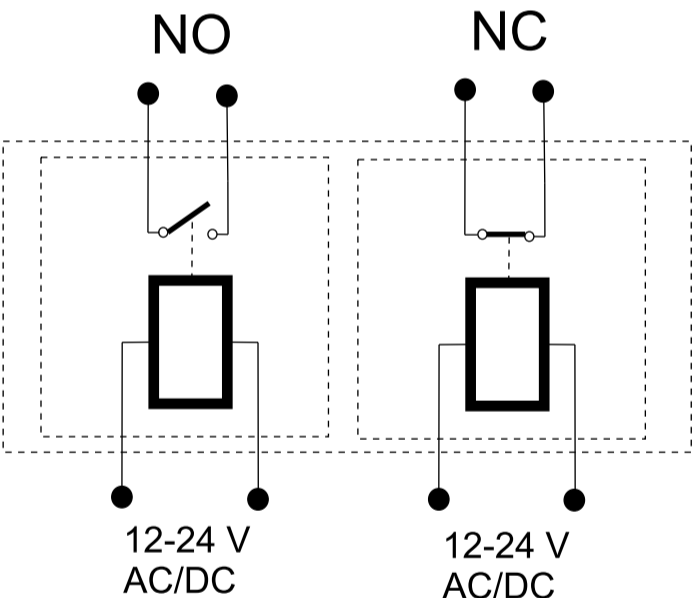
### GATHER YOUR TOOLS

Always use the correct screwdriver size for the terminal screws on your relay. Use appropriate electrical tools when cutting, prepping, and stripping electrical wires. If you don't have the necessary tools to perform the installation or are not sure which tools to use or how, please hire an electrician to complete the installation for you.

### SAFETY FIRST

Follow the National Electrical Code and your local safety regulations when performing the installation, including (but not limited to), choosing the correct gauge of jumper wires. The recommended gauge for 15 Amp circuits is 14 AWG and 12 AWG for 20 Amp circuits.

## WIRING DIAGRAM FOR THE ZAC98 NO & NC RELAY



**HOW TO SECURE WIRES IN TERMINALS:** first, unscrew the appropriate terminal's screw just far enough so there is a clear opening in the terminal for the wire to go in. Make sure the wire is stripped at the right length and perfectly straight before you insert it into the terminal. Once you put the wire in the terminal, carefully screw the terminal screw back in to hold down the wire. Check the connection by gently pulling on the connected wire to make sure it's fixed securely.

## QUESTIONS?

[ask@getzooz.com](mailto:ask@getzooz.com) / [www.support.getzooz.com](http://www.support.getzooz.com)

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