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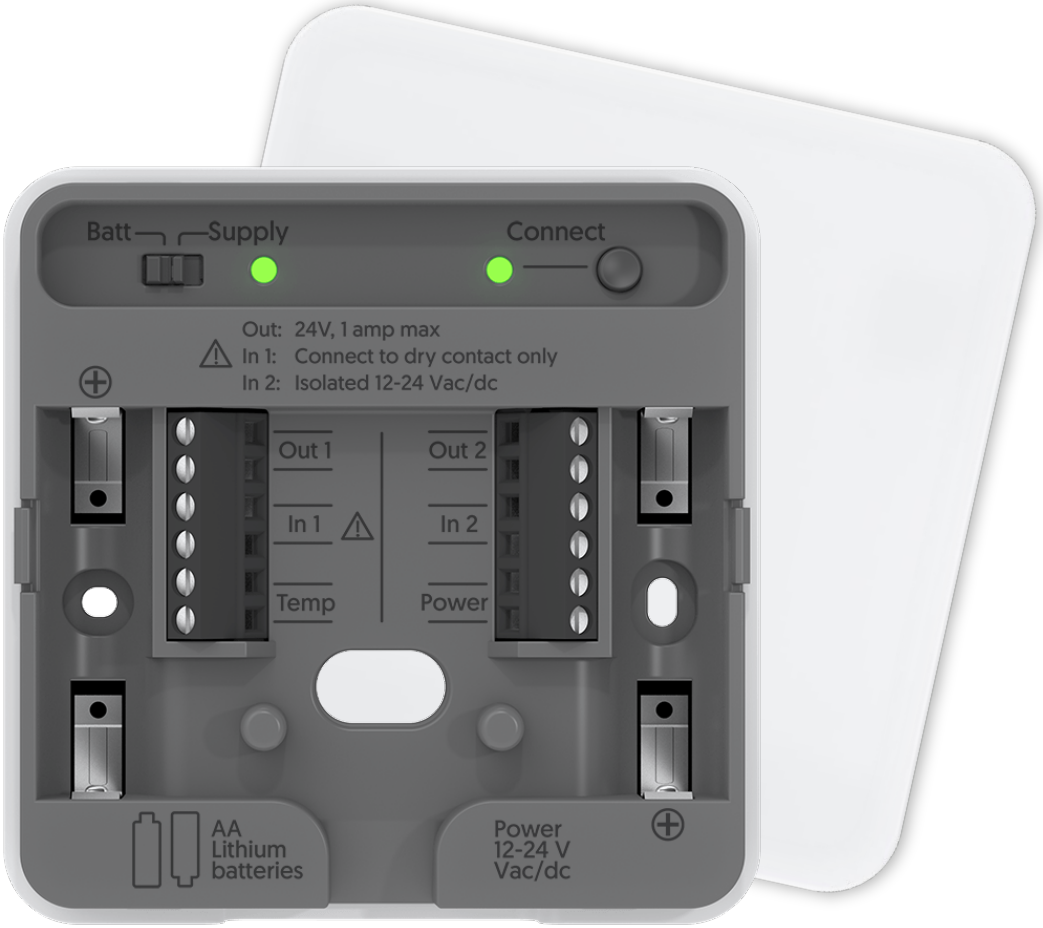


# Multi-controller

## MC3100ZB

Compatibility

Sedna Wi-Fi smart water valve

GT130 gateway

works with neviweb

Hubitat ELEVATE YOUR ENVIRONMENT

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Sedna

zigbee 3.0

## FEATURES

- Possibility to integrate the device with several home automation systems
- Possibility to connect different devices through the outputs of the multi-controller
- Possibility to connect an external temperature sensor in the device
- Different types of power supply possible for the multi-controller
- When connected via Zigbee protocol to a Sedna* water damage protection system and wired to an alarm panel**, the MC3100ZB allows:
  **1)** Activate a zone on the alarm panel that will notify the central alarm station when water is detected.
  **2)** Close the Sedna valve when arming the alarm system.

* Compatible only with VA4220WF/VA4221WF valves and ACT4220WF-M-UPS Mesh actuators.
** Requires a compatible system and a subscription to the alarm company

## COMMUNICATION

**Protocol:** Zigbee 3.0
**Frequency:** 2.4 GHz
**Transmission power:** +20 dBm
**Receiver sensitivity:** -108 dBm

## POWER SUPPLY

3 possible power sources*:

- Power supply connector:
  - 12 Vdc 35 mA
  - 24 Vdc 20 mA
  - 24 Vac 15 mA
- USB Micro B - 5 Vdc 65 mA
- 2 AA lithium batteries (5 years)

*Power supply and batteries not included

## TECHNICAL SPECIFICATIONS

**Operating temperature:** 0 °C to 40 °C (32 °F to 104 °F)
**Temperature reading (external - accuracy 0.5 °C):**
0 °C to 40 °C (32 °F to 104 °F)
**Temperature reading (internal - accuracy 0.5 °C):**
-40 °C to 70 °C (-40 °F to 158 °F)
**Humidity reading (accuracy 4.5 %) :**
5 % to 95 % non-condensing

## TEMPERATURE AND HUMIDITY SENSORS

1 internal temperature sensor
1 internal humidity sensor
1 remote temperature sensor
(AC1310-01 temperature sensor sold separately)

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| | Connected to the valve | Connected to the GT130 hub |
|---|---|---|
| See which input(s) is ON | X (input 1 only) | X |
| See which output(s) is ON | X (output 1 only) | X |
| See the internal and external temperatures* and the humidity reading | | X |
| Create automations (time, sunrise/sunset, device action, or presence) | | X |
| Geofencing | | X |
| Name input(s) and output(s) | X | X |
| See batteries status (if installed) | X | X |
| Timer (output 1 & 2) | | X |

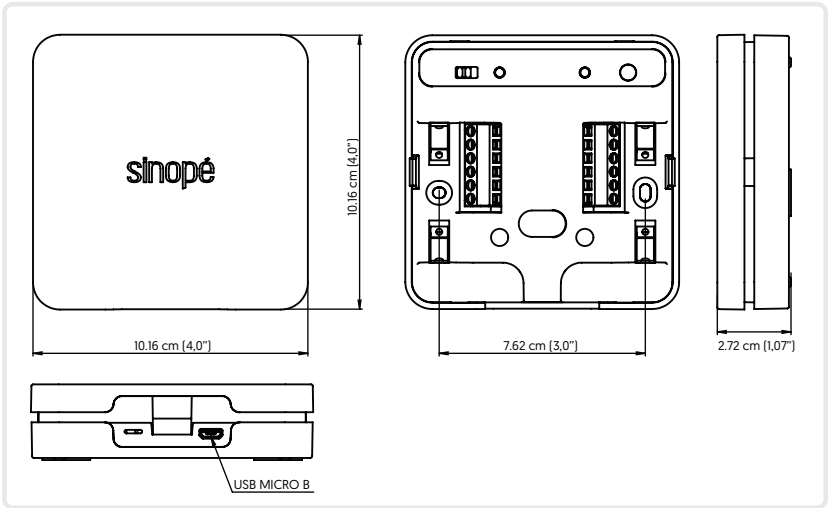
* Requires the AC1310-01 sensor (sold separately)
These features are available in Neviweb and Sinopé Smart Systems.

## INPUTS/OUTPUTS

Two inputs:
1 isolated input (ideal for any 12 V to 24 V signal)
1 dry contact compatible input (3.3 Vdc, 1 mA source)

Two outputs:
Dry contact only (up to 24 V / 1 A max.)

Please note that it is important that inputs and outputs are still available in the alarm panel in order to connect the multi-controller.




3-years warranty
*Indoor installation only

sinopé
T: 450.741.7700
TF: 1.855.741.7701
sinopetech.com - sales@sinopetech.com
Saint-Jean-sur-Richelieu, Qc, Canada

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