AIRZONE AZCE8CM1DRY Dehumidifier Control Module

AIRZONE AZCE8CM1DRY Dehumidifier Control Module User Manual

Contents

1 AIRZONE AZCE8CM1DRY Dehumidifier Control Module
2 Product Information
3 Product Usage Instructions
4 FAQs
5 CONTROL MODULE
6 TECHNICAL SPECS
7 DEVICE ELEMENTS
8 ASSEMBLY
9 CONNECTION
10 Documents / Resources
10.1 References

AIRZONE AZCE8CM1DRY Dehumidifier Control Module

Product Information

- **Specifications**
  - **Voltage:** 110/230 Vac
  - **Current:** 250 mA
  - **Frequency:** 50/60 Hz
  - **Power Consumption:** 1.2 W (110 Vac), 1.85 W (230 Vac)
  - **Communication:** CAN bus
  - **Cable Type:** Shielded twisted pair
  - **Cable Specifications:** 2 x 0.22 + 2 x 0.5 mm2
  - **Max Voltage Rating:** 250 Vac, 30 Vdc
  - **Max Current Rating:** 12 A (250 Vac), 12 A (24 Vdc), 5 A (30 Vdc), 3 A (30 Vdc)
  - **Protection Rating:** IP 21
  - **Weight:** 180 g

Product Usage Instructions

- **Device Elements**
  - **The dehumidifier control module includes various device elements:**
    - **Description:** Provides information about the device.
    - **Meaning:** Indicates the significance of different states.
    - **State:** Represents the current status of the device.
- **Device Reboot**
  - **To reboot the device:**
    - Hold the reset button for 10 seconds.
    - Observe the LED indicators for the reboot status.
- **Assembly**
  - The dehumidifier control module is mounted on a DIN rail for easy installation.
- **Connection**
  - Ensure proper connections are made as per the wiring diagram provided with the module.

FAQs

- **How do I reset the device?**
  - To reset the device, hold the reset button for 10 seconds.
- **What should I do if the LED indicators show a blinking red light?**
  - If the LED indicators show a blinking red light, it may indicate a specific error. Refer to the user manual for troubleshooting steps.
- **Can I use this control module for both cooling and heating installations?**
  - Yes, this dehumidifier control module is designed for underfloor radiant installations that support both cooling and heating functionalities.

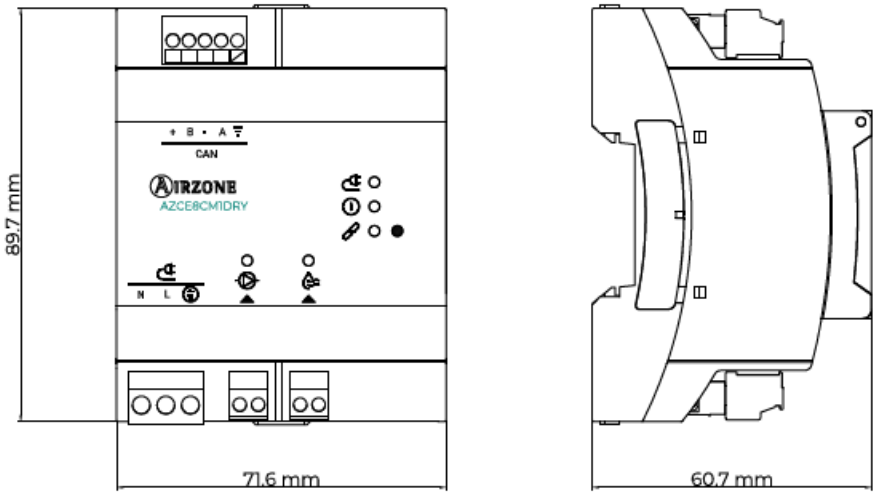
CONTROL MODULE

AIRLINE DEHUMIDIFIER CONTROL MODULE

- Dehumidifier control module for underfloor radiant (cooling and heating) installations.
- Externally power supplied at 110/230 Vac and wired communications.
- Mounted on DIN rail.

Functionalities:

- It has a relay to control the fan On/Off.
- It has a relay to control the pump On/Off.
- For further information about our products, go to airzonecontrol.com.

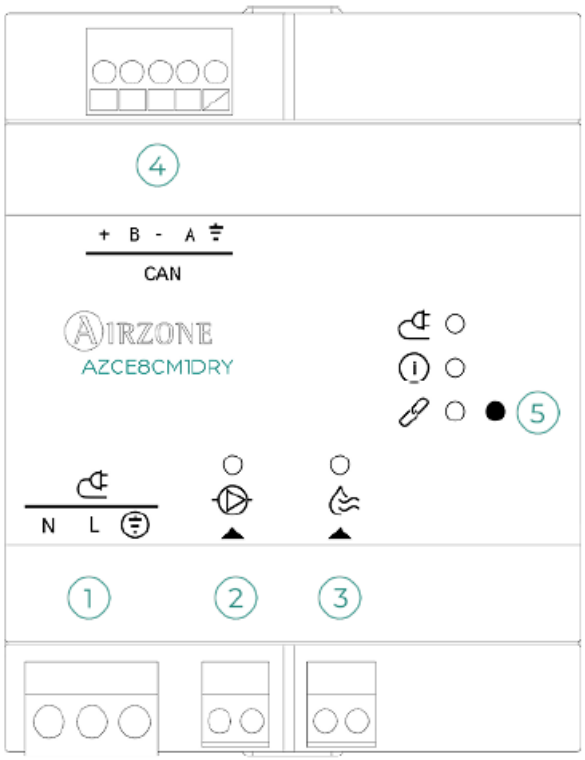


TECHNICAL SPECS

Alimentación y consumo / Power supply and consumption / Alimentaçao e consumo	
V max	110/230 Vac
I max	250 mA
Frecuencia / Frequency / Frequência	50/60 Hz
Consumo Stand-by Stand-by consumption Consumo em Stand-by	1.2 W (110 Vac) 1.85 W (230 Vac)
Protección sobre corriente módulo Module over-current protection Proteção sobrecorrente módulo	250 mA
Bus CAN / CAN bus / Barramento CAN	
Cable apantallado y trenzado Shielded twisted pair Cabo blindado e trançado	2 x 0.22 + 2 x 0.5 mm^2
Relé bomba / Pump relay / Relé bomba	
Nº de salidas / Nº outputs / Nº de saídas	1
V max	250 Vac 24 Vdc
I max	12 A (250 Vac) 12 A (24 Vdc)
Relé ventilador / Fan relay / Relé ventilador	
Nº de salidas / Nº outputs / Nº de saídas	1
V max	250 Vac 30 Vdc
I max	5 A (250 Vac) 3 A (30 Vdc)
Temperaturas operativas / Operating temperatures / Temperatura de operaçao	
Almacenaje / Storage / Armazenamento	- 20 ... 70 °C
Funcionamiento / Operation / Funcionamento	0 ... 50 °C
Aspectos mecánicos / Mechanical aspects / Aspectos mecânicos	
Grado de protección / Protection class / Grau de proteção	IP 21
Peso / Weight / Peso	180 g

DEVICE ELEMENTS

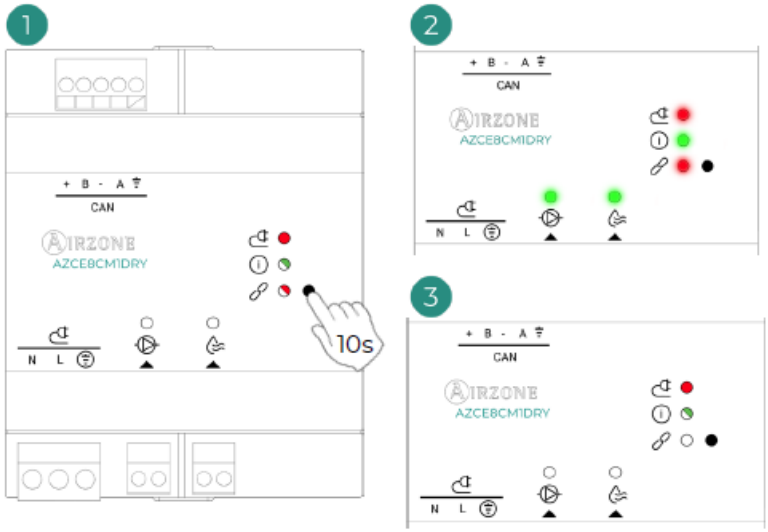
Nº	Description
1	Power supply
2	Pump control relay
3	Fan control relay
4	CAN connection bus
5	Device reboot



SELF-DIAGNOSIS

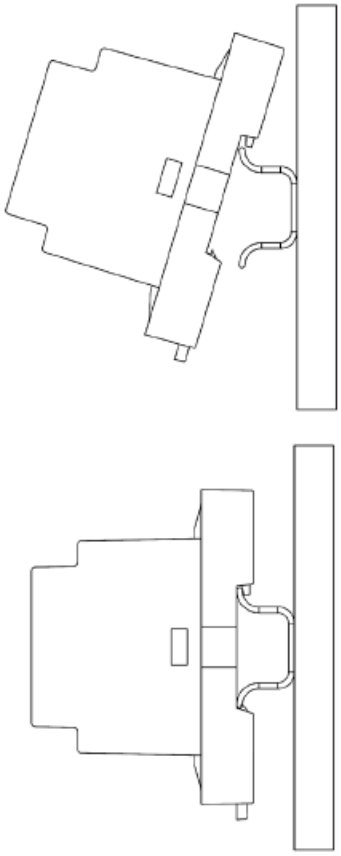
Nº	Significado / Meaning / Significado		
	Alimentación Power supply Alimentação	Fijo Steady Fixo	Rojo Red Vermelho
	Estado / State / Estado	Parpadeo Blinking Pisca	Verde Green Verde

DEVICE REBOOT

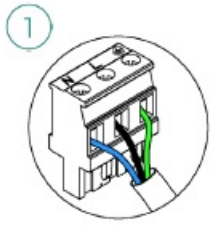


ASSEMBLY

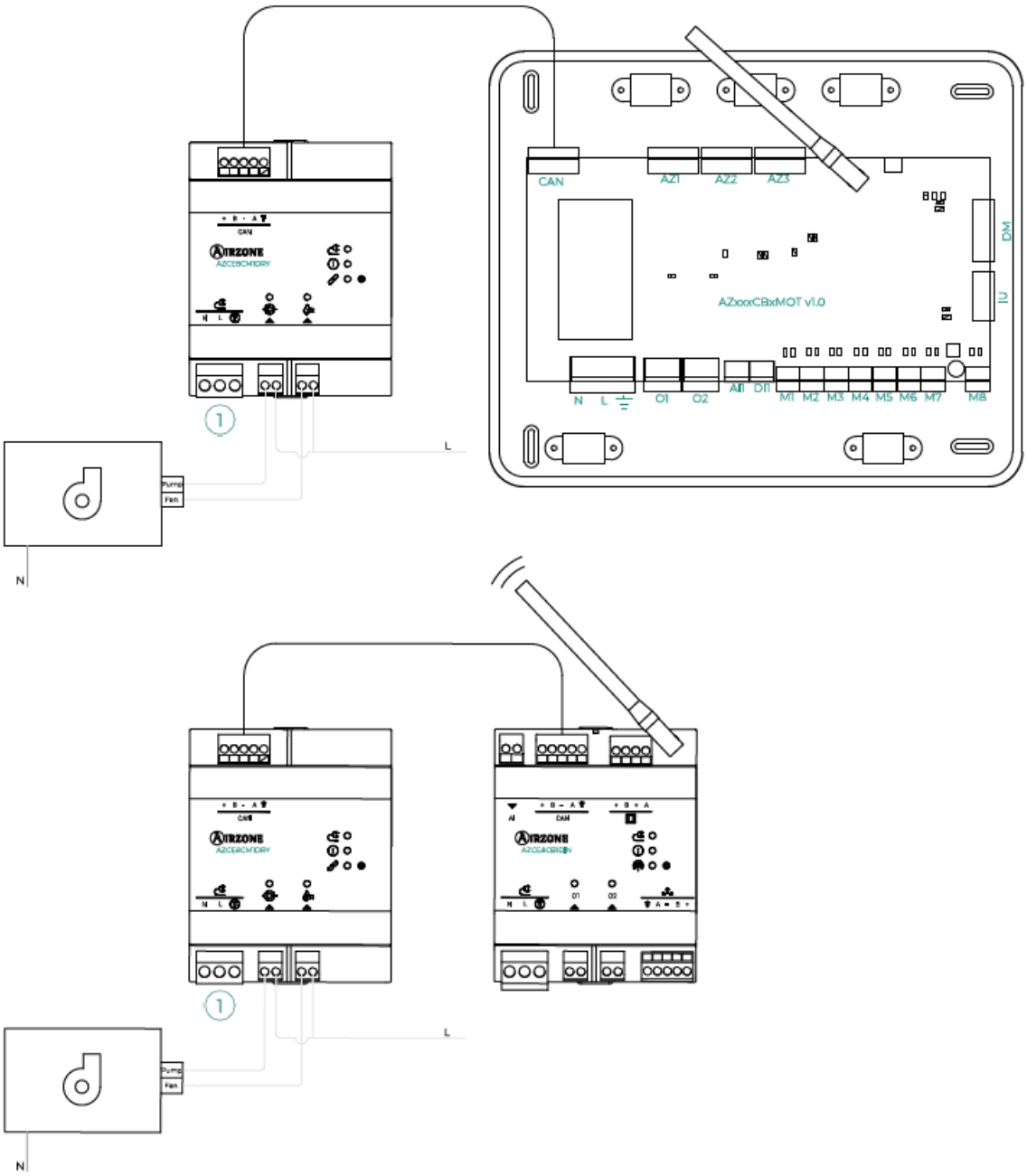
To take the module away, pull the reed down to release it.



CONNECTION



N	Neutro I Neutral I Neutre I Neutro I Neutro I Neutralleiter
L	Fase I Phase I Phase I Fase I Fase I Phase
⏚	Tierra I Ground I Terre I Terra I Terra I Schutzleiter



Documents / Resources

	AIRZONE AZCE8CM1DRY Dehumidifier Control Module [pdf] User Manual AZCE8CM1DRY Dehumidifier Control Module, AZCE8CM1DRY, Dehumidifier Control Module, Control Module, Module

References

- User Manual

Manuals+, **Privacy Policy**

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.