

AZVAFZMRADR - Wireless Only Radiant Zone Module

Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:
Additional Info:	

MODEL DESCRIPTION

Local control module for controlling radiant elements. Wireless communication with zone thermostat. Powered through system Airzone connection bus.

Features:

- Input for detection of open windows.
- Input for detection of presence.
- Probe input.

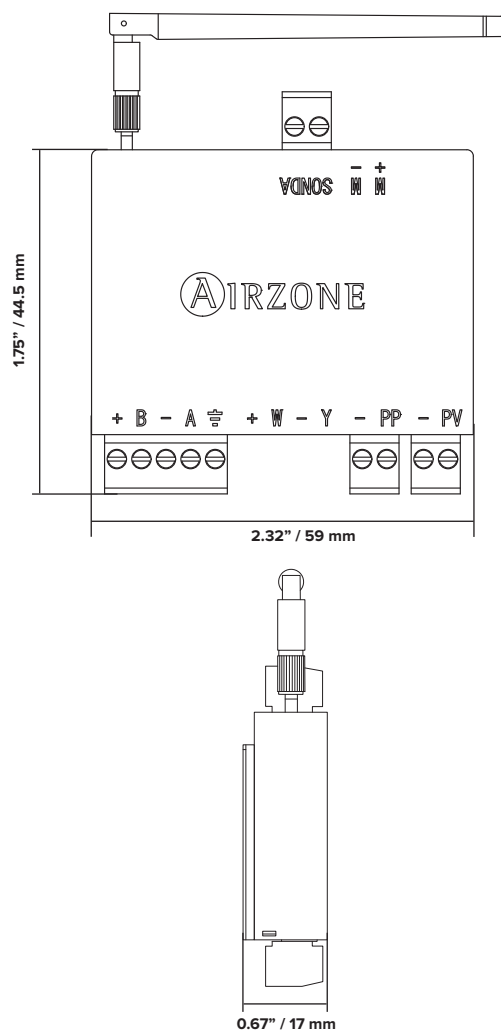


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TECHNICAL SPECS

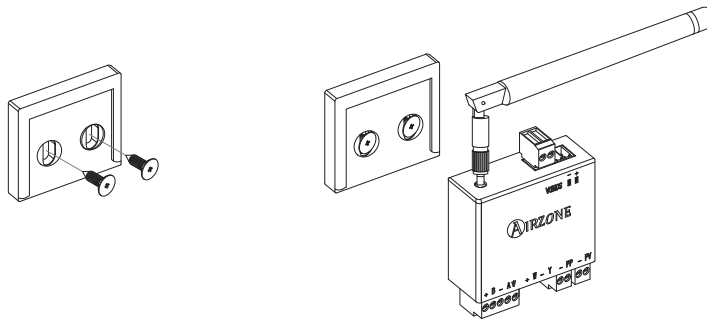
Thermostat connection	
V max	12 Vdc
I max	0.5 A
Stand-by Consumption	0.6 W
Airzone connection bus	
Shielded and twisted Airzone bus cable	2 x AWG 23 + 2 x AWG 20 (2 x 0.22 + 2 x 0.5 mm ²)
Maximum Distance	328 ft (100 m)
Wireless communications	
Radiation power	0 dBm
Maximum distance in open space	50 ft (15 m)
Digital and analog inputs	
Window and presence contacts	Voltage-free
Maximum Distance	33 ft (10 m)
Analog Input	NTC 10 KΩ a 25°C
Maximum Distance	10 ft (3 m)
Actuator power supply	
V max	±12 Vdc
I max	300 mA
Mechanical aspects	
Maximum Operating Height	6561.7 ft (2000 m)
Weight	0.20 lb (0.09 kg)
Communication frequency	
Frequency	915 MHz

DIMENSIONAL DRAWINGS

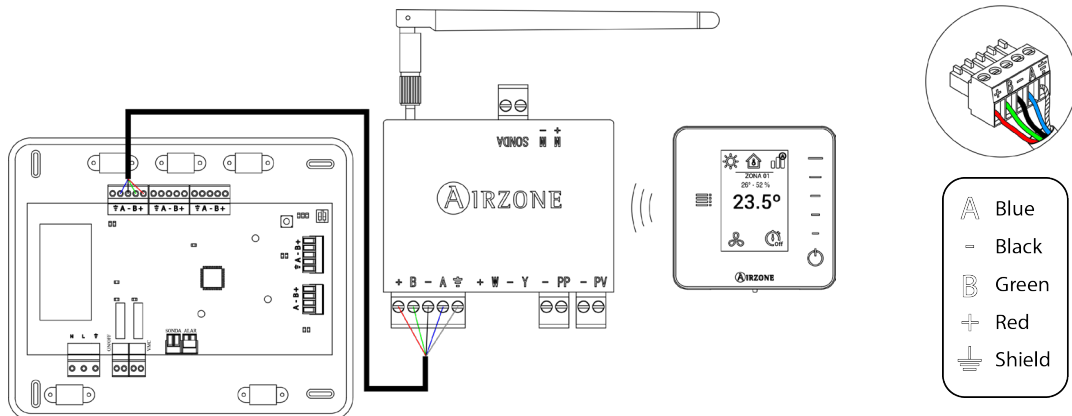


INSTALLATION

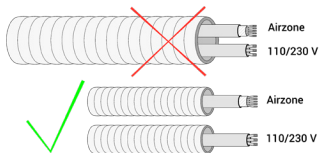
1



2



*Do not connect the “-” pole to the “+” terminal. It may damage the device



The product power supply is compliance with the clause 2.5 of the standard IEC 60950-1.

In order to connect more than 6 modules via Blueface or 10 without Blueface, it is necessary to have an external power supply (AZxxxPOWER). These values can be altered depending on the separation distance among them.

ACCESORIES

- AZX6CBLBUS300FT - Airzone Shielded Bus Cable UL444 (2x0.22 mm² + 2x0.5 mm²; 100m / AWG 23-2 wired + AWG 20-2 wired; 300ft)
- AZX6SONPROTECT - Airzone temperature metallic probe in sheath



Marie Curie, 21
29590 Málaga, Spain

