

AZVAFZMOMELC - Wired zone module with Mitsubishi Electric communication

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

MODEL DESCRIPTION

Module for controlling individual direct expansion units through Airzone communication gateway (for more information, see the technical datasheet of the gateway). Wired communications with zone thermostat. Powered through system Airzone connection bus. Mounted on DIN rail or on wall.

Features:

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

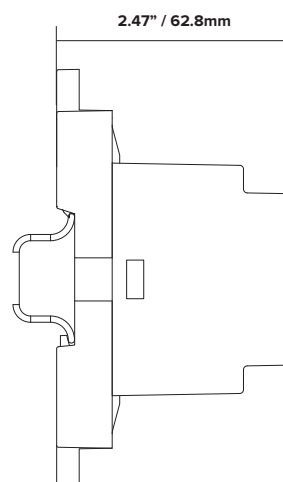
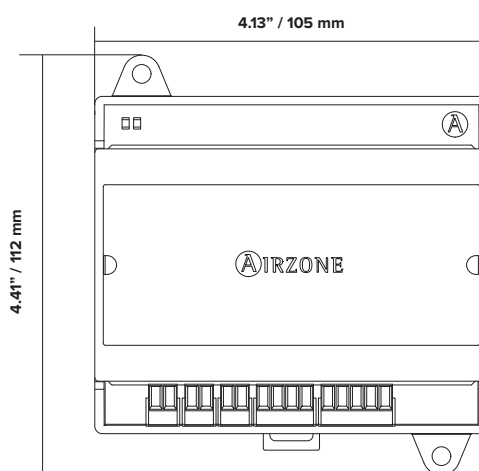


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TECHNICAL SPECS

Power supply and consumption	
Type of power supply	Vdc
V max	12 Vdc
I max	0.5 A
Stand-by consumption	0.4 W
Airzone connection bus	
Shielded and twisted Airzone bus cable	2 x AWG 23 + 2x AWG 20 (2 x 0.22 + 2 x 0.5 mm ²)
Maximum distance	328 ft (100 m)
Thermostat connection	
Shielded and twisted Airzone bus cable	2 x AWG 23 + 2x AWG 20 (2 x 0.22 + 2 x 0.5 mm ²)
Maximum distance	130 ft (40 m)
Digital inputs	
Window and presence contacts	Voltage-free
Maximum distance	33 ft (10 m)
Analog input	NTC 10 KΩ 77°F (25°C)
Maximum distance	10 ft (3 m)
Mechanical aspects	
Assembly	On DIN rail or on wall
Maximum Operating Height	6561.7 ft (2000 m)
In DIN units	6
Weight	0.57 lb (0.26 kg)

DIMENSIONAL DRAWINGS

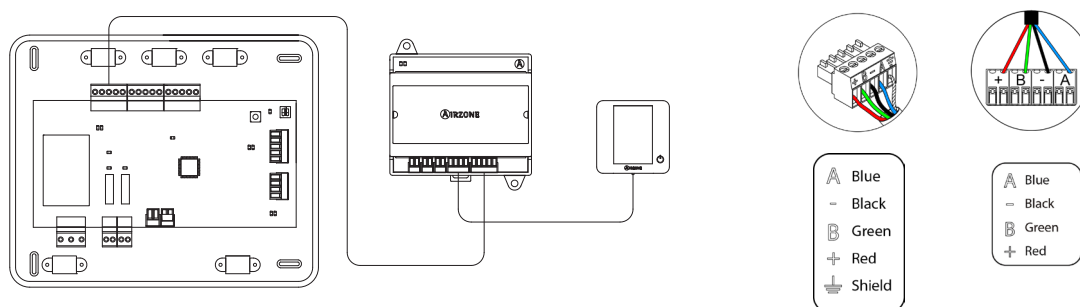


INSTALLATION

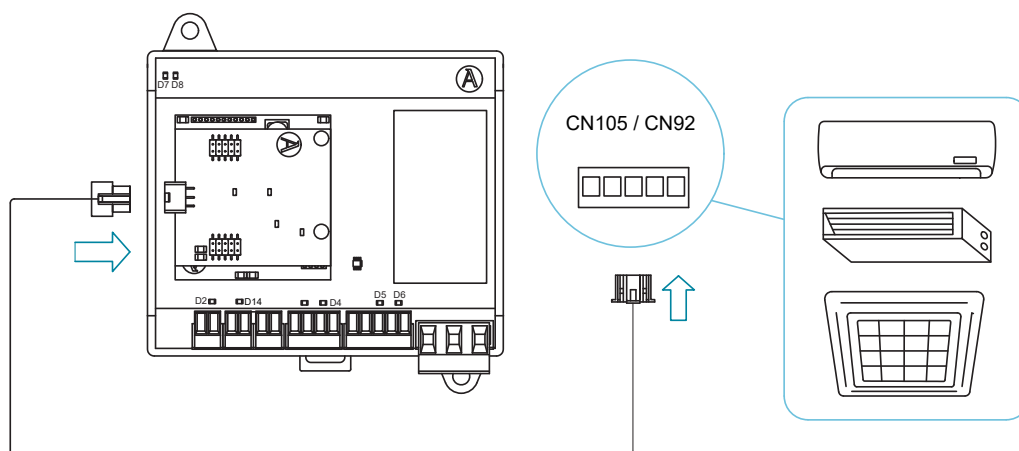
1.



2.



3.



SPARE PARTS

- AZPV8WIRE05 - Connection to Indoor unit 8.2 ft (2.5 m) / AWG 24 - 6 wired (6x0.2 mm²)
- AZX8GTCMEL - Airzone-Mitsubishi Electric controller gateway

ACCESORIES

- AZX6CBLBUS300FT - Airzone Shielded Bus Cable UL444 (2x0.22 mm² + 2x0.5 mm²; 100m / AWG 23-2 wired + AWG 20-2 wired; 300ft)
- AZPV8WIREU - Universal 6-pin 8.2 ft (2.5 m) extension cable for Airzone gateway / Aidoo



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