

## AZVAFZMOMELR - Wireless 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). Wireless 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.

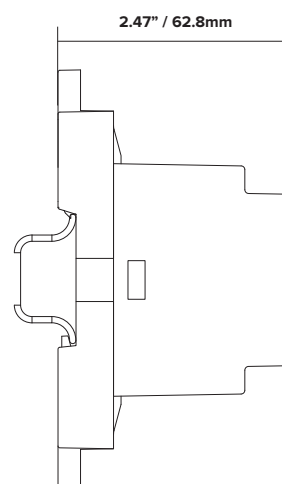


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### TECHNICAL SPECS

| 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 <sup>2</sup> ) |
| Maximum distance                       | 328 ft (100 m)                                               |
| Wireless communications                |                                                              |
| Radiation power                        | 0 dBm                                                        |
| Maximum distance in open space         | 49 ft (15 m)                                                 |
| Frequency                              | 915 MHz                                                      |
| Digital inputs                         |                                                              |
| Window and presence contacts           | Voltage-free                                                 |
| Maximum distance                       | 33 ft (10 m)                                                 |
| Analog input                           | NTC 10 K $\Omega$ 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

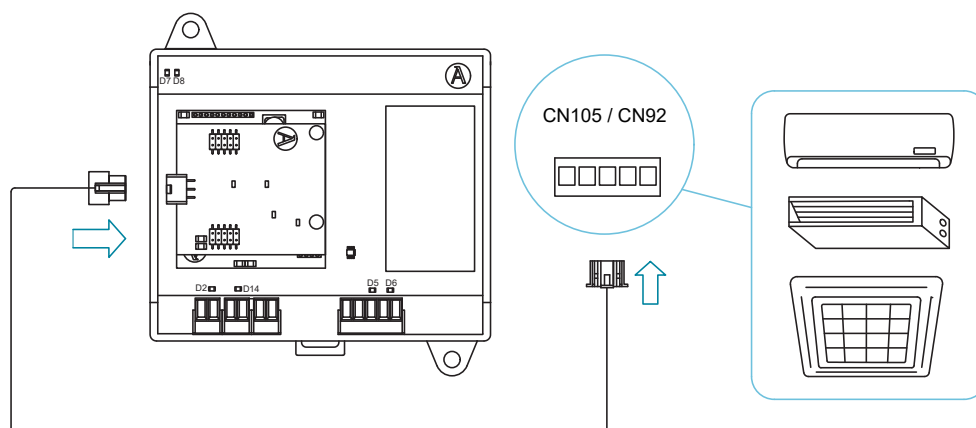
1.



2.



3.



## SPARE PARTS

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

## ACCESORIES

- AZX6CBLBUS300FT - Airzone Shielded Bus Cable UL444 (2x0.22 mm<sup>2</sup> + 2x0.5 mm<sup>2</sup>; 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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