

Mitsubishi Electric City Multi systems to KNX Application

Item number: IN770AIR00MO000

The Mitsubishi Electric application has been specially designed to allow bidirectional control and monitoring of Mitsubishi Electric City Multi systems from a KNX installation. The solution allows the integration of up to 100 groups from a single interface.



Mitsubishi Electric to KNX - Up to 100 groups

Features and benefits

- KNX standard datapoints (DPTs) support
 KNX standard datapoints (DPTs) are supported,
 guaranteeing a simple KNX device/system integration.
- Automatic identification
 A scan function is available for automatic identification of the units present in the VRF system.
- Individual indoor unit energy consumption signals

 Energy consumption signals from each indoor unit are available, so they can be checked individually.
- Commissioning-friendly approach with Intesis MAPS Templates can be imported and reused as often as needed, significantly reducing commissioning time.

- Direct access to the central controller
 Connection is simple, as the interface is directly connected to the central controller via Ethernet.
- Outdoor unit signals

 Signals assigned to the outdoor unit are available to be used in the integration.
- Datapoint support A wide range of monitoring and control datapoints is available.
- Configuration tool and interface automatic updates

 Both the Intesis MAPS configuration tool and the interface's firmware can receive automatic updates.



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| General | |
|------------------------------|--|
| Net Width (mm) | 106 |
| Net Height (mm) | 58 |
| Net Depth (mm) | 90 |
| Net Weight (g) | 240 |
| Packed Width (mm) | 13 |
| Packed Height (mm) | 8.5 |
| Packed Depth (mm) | 14 |
| Packed Weight (g) | 310 |
| Operating Temperature °C Min | 0 |
| Operating Temperature °C Max | 60 |
| Capacity | Up to 100 groups. |
| Installation Conditions | This gateway is designed to be mounted inside an enclosure. If the unit is mounted outside an enclosure, precautions should always be taken to prevent electrostatic discharge to the unit. When working inside an enclosure (e.g., making adjustments, setting switches, etc.), typical anti-static precautions should always be followed before touching the unit. |
| AC Model Compatibility | List of compatible centralized controllers: G-50, G-50A, GB-50A, GB-50ADA, AB-150, AE-200, AE-50, AG-150A, EW-50, EB-50GU. |
| Content of Delivery | Intesis Gateway, Installation Manual, USB Configuration cable. |
| Not Included (in delivery) | Power supply not included. |
| Mounting | DIN rail mount (bracket included), Wall mount |
| Housing Materials | Plastic |
| Warranty (years) | 3 years |
| Packaging Material | Cardboard |



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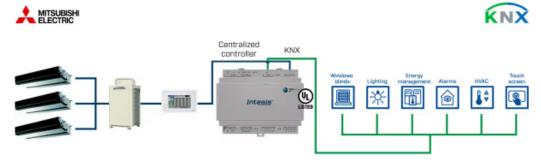
| Identification and Status | |
|--|--|
| Product ID | IN770AIR00MO000_KNX_MIT |
| Country of Origin | Spain |
| HS Code | 8517620000 |
| Export Control Classification Number (ECCN) | EAR99 |
| Physical Features | |
| LED Indicators | Gateway and communication status. |
| Push Buttons | Factory reset. I-Am message (for BACnet only). Normal mode/programming mode switch (for KNX only). |
| Certifications and Standards | |
| ETIM Classification | EC001604 |
| WEEE Category | IT and telecommunications equipment |





Use Case





Integration example.

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Use Case





Use Intesis MAPS to change the protocol: BACnet, Modbus, KNX, or Home Automation $\,$

