

Mitsubishi Electric Ecodan air-to-water heat pumps to KNX Secure



Item number: INKNXMIT001A200

This gateway allows full bidirectional communication between Mitsubishi Electric Ecodan air-to-water heat pumps and KNX Data Secure systems.

Mitsubishi Electric air-to-Water to KNX Secure - 1 AW unit

Features and benefits

- ✓ **KNX Data Secure certified**
Prevent security breaches and comply with the highest cybersecurity standards.
- ✓ **Four binary inputs**
Reduce the need for KNX components by connecting occupancy sensors, window contacts, and energy meters - including the industry-standard S0 pulse type - directly to the gateway.
- ✓ **Weather compensation curve and auto-adaptation**
Achieve top energy efficiency without compromising comfort
- ✓ **Coexistence with the Ecodan controller**
Control the system simultaneously via KNX through the gateway, and locally using the Ecodan controller.
- ✓ **ETS configuration**
Set up the gateway easily using the standard KNX configuration tool.
- ✓ **Scene control**
Maximize comfort and energy saving with up to 10 configurable scenes.
- ✓ **Avoid compatibility issues**
Supports monoblock and split models of Mitsubishi Electric Ecodan.
- ✓ **Error and runtime monitoring**
Prevent system downtime and extend the overall lifespan of the Ecodan system.

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General	
Capacity	1 AW unit
Net Width (mm)	41
Net Height (mm)	39
Net Depth (mm)	18
Net Weight (g)	80
Packed Width (mm)	110
Packed Height (mm)	65
Packed Depth (mm)	90
Packed Weight (g)	100
Operating Temperature °C Min	0°
Operating Temperature °C Max	60°
Storage Temperature °C Min	-20
Storage Temperature °C Max	60
Power Consumption (W)	KNX: 30Vd.c/ 25mA AC: 12Vd.c/ 5mA
Configuration	ETS Database
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	Compatible with monoblock and split systems from the Mitsubishi Electric Ecodan range.
Content of Delivery	Intesis gateway, installation manual and AW communication cable.
Housing Materials	Plastic

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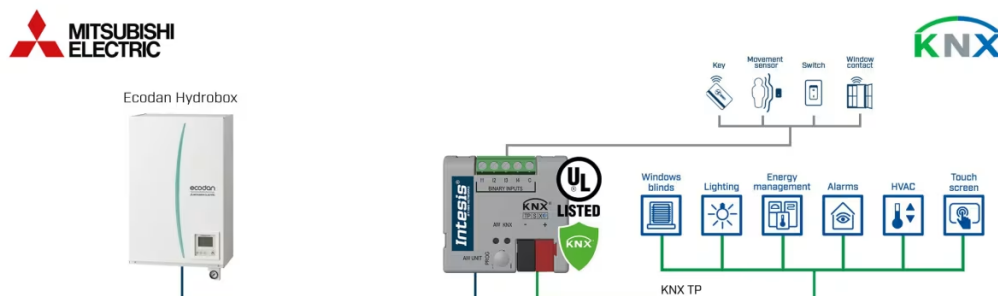


General	
Packaging Material	Cardboard
Warranty (years)	3 years
Identification and Status	
Product ID	INKNXMIT001A200
Predecessor	INKNXMIT001I100
Country of Origin	Spain
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN) (Applies only to the U.S)	EAR99
Physical Features	
LED Indicators	KNX
Contains Battery	No
Certifications and Standards	
Product Certifications	CE, CB, UKPSTI, UL, KNX
WEEE Category	IT and telecommunications equipment

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Use Case



Integration example.