ITR830-004 - Mitsubishi Heavy Industries AC - KNX Gateway

Device	ITR830-004
Power Supply	EIB Power Supply
Power Consumption	10mA
Push Buttons	1 x KNX Programming Button
LED Indicators	1 x KNX Programming LED
Type of Protection	IP 20
Mode of Commissioning	S-Mode
Maximum Air Humidty	<90RH
Temperature Range	Operation (-10°C…70°C)
	Storage (-25°C…100°C)
Flammability	Non-flammable product
Colour	Light Grey
Dimensions	88x62x27 mm (WxHxD)
Certification	KNX Certified
Configuration	Configuration with ETS

DESCRIPTION

ITR830-004 is a air conditioner gateway that used for monitoring and control all the functioning parameters of Mitsubishi Heavy Industries air conditioners via KNX bus line. Mitsubishi Heavy Industries AC - KNX Gateway is compatible with models in DVM S, ERV(NASA), CAC (NASA), EHS (NASA) types categorized in compatibility list sold by Mitsubishi Heavy Industries.
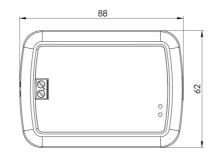
Mitsubishi Heavy Industries AC - KNX Gateway has easy installation feature and can be installed inside the own AC indoor unit or a proper location away from the air conditioner, it connects one side directly to the electronic circuit of the AC indoor unit and in the other side directly to the KNX bus.
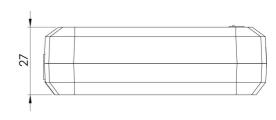
Note : Existing commands may vary according to indoor unit model. Please refer to relevant technical documents.

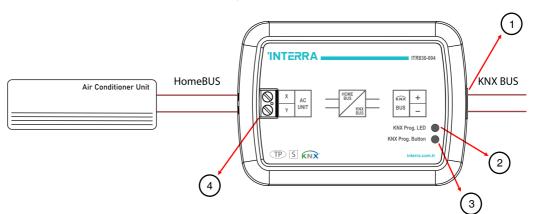## DIMENSIONS & CONNECTION DIAGRAM

FUNCTIONS

- ITR830-004 device, provides complete bi-directional integration of FD & VRF type air conditioners with KNX bus.

- Includes 4 logical advanced parameters, each logical parameter have up to 4 inputs and can be configured as AND, OR & XOR.

- Includes 8 advanced converter parameters, each converter has four operations math calculations according to input type.

- Logic and converter parameters can be used for energy savings, configurable scenes, temperature limits etc.

- The Mitsubishi Heavy Industries air conditioner unit provides error notifications for errors that may occur in exceptional cases.

1. KNX Connector
2. Programming LED
3. Programming Button
4. AC Indoor Unit connection

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