

## ITR830-001 - MITSUBISHI ELECTRIC AC - KNX GATEWAY



Device	ITR830-001
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 Humidity	<90RH
Temperature Range	Operation (-10°C...70°C) Storage (-25°C...100°C)
Flammability	Non-flammable product
Colour	Light Grey
Dimensions	40x10x40 mm (WxHxD)
Certification	KNX Certified
Configuration	Configuration with ETS

### DESCRIPTION

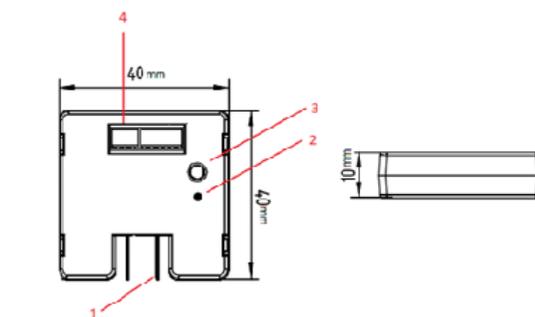
ITR830-001 is used for monitoring and control all the functioning parameters of Mitsubishi Electric air conditioners with KNX and ITR830-001 is compatible with models in PAC, RAC and City Multi VRF and Industrial types categorized in compatibility list sold by Mitsubishi Electric.

ITR830-001 has easy installation feature. It can be installed inside the own AC indoor unit, it connects one side directly to the electronic circuit of the AC indoor unit (cable supplied) and in the other side directly to the KNX bus.

### FUNCTIONS

- ITR830-001 device, provides complete bi-directional integration of Mitsubishi Electric AC with KNX bus.
- The device provides extra communication objects for giving maximum flexibility.
- Includes 4 logical and 8 converter advanced parameters for energy savings, configurable scenes, temperature limits etc.
- The AC unit provides error notifications for errors that may occur in exceptional cases.

### CONNECTION DIAGRAM



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

Connection cable supplied with the gateway device. It directly connects to indoor unit's control board which marked as CN105 or CN92 connector.

