Mitsubishi Electric
AC - KNX Gateway
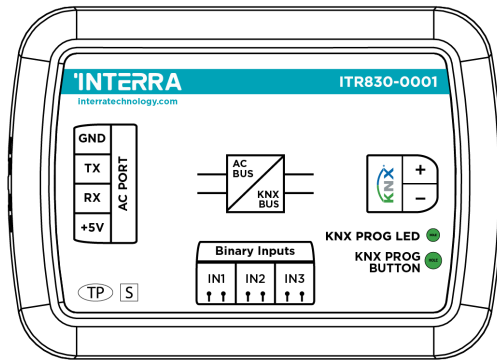
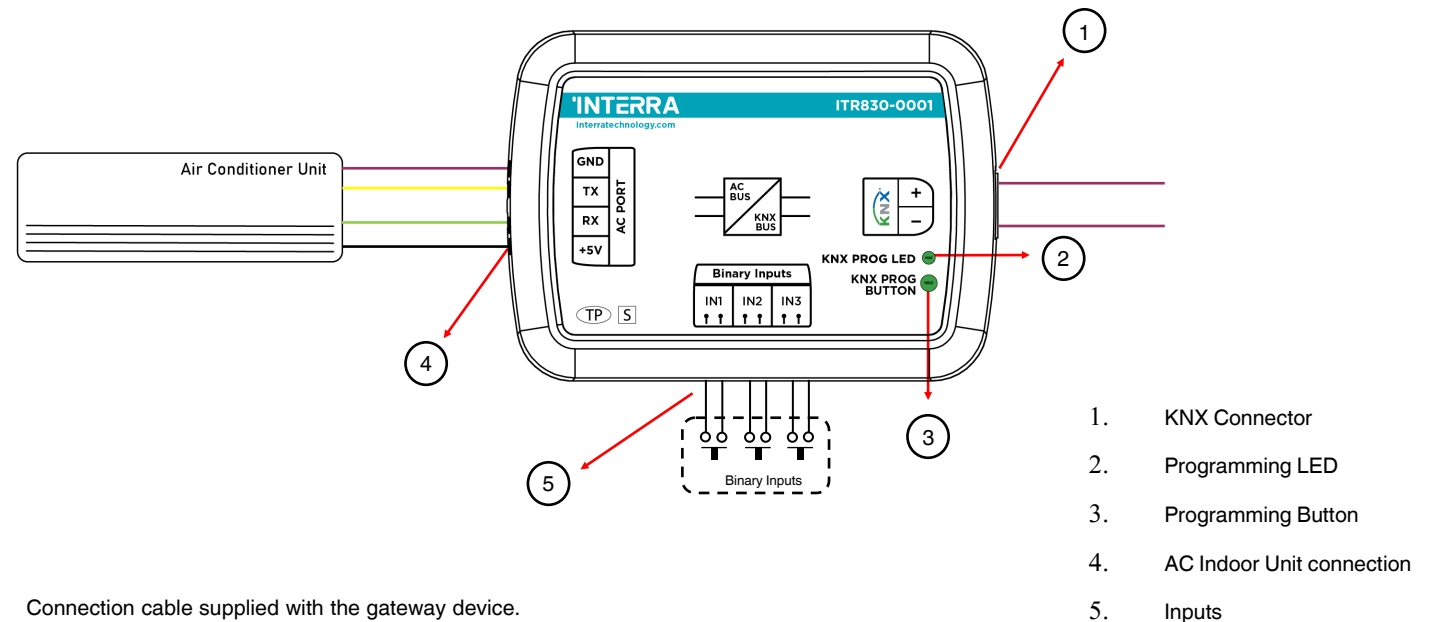| Product Code	ITR830-0001
Power Supply	KNX Power Supply
Power Consumption	5 mA
Inputs	3 binary inputs
Push Buttons	1 x KNX Programming Button
LED Indicators	1 x KNX Programming LED
Type of Protection	IP 20
Mode of Commissioning	S-Mode
Maximum Air Humidity	< 90 RH
Temperature Range	Operation (-10°C…70°C) Storage (-25°C…100°C)
Colour	Light Grey
Dimensions	40 x 10 x 40 mm (W x H x D)
Certification	KNX Certified
Configuration	Configuration with ETS

DESCRIPTION

ITR830-0001 is used for monitoring and controlling all the functioning parameters of Mitsubishi Electric air conditioners with KNX and ITR830-0001 is compatible with models in PAC, RAC and City Multi VRF and Industrial types categorized at compatibility list sold by Mitsubishi Electric.

ITR830-0001 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 on the other side directly to the KNX bus.

CONNECTION DIAGRAM

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

FUNCTIONS

- ITR830-0001 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.

- Provides 3 binary inputs to integrate into KNX (i.e. motion detector, evacuation pump, window contact)

- The AC 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
5. Inputs