4. Overview

This IN770MIT00xO040 gateway supports three applications.

Gateway's client interface	↔	Gateway's server interface
Mitsubishi Electric City Multi systems	to	Modbus TCP and RTU
		KNX TP
		Home Automation

⚠ IMPORTANT
This document assumes that the user is familiar with these technologies.

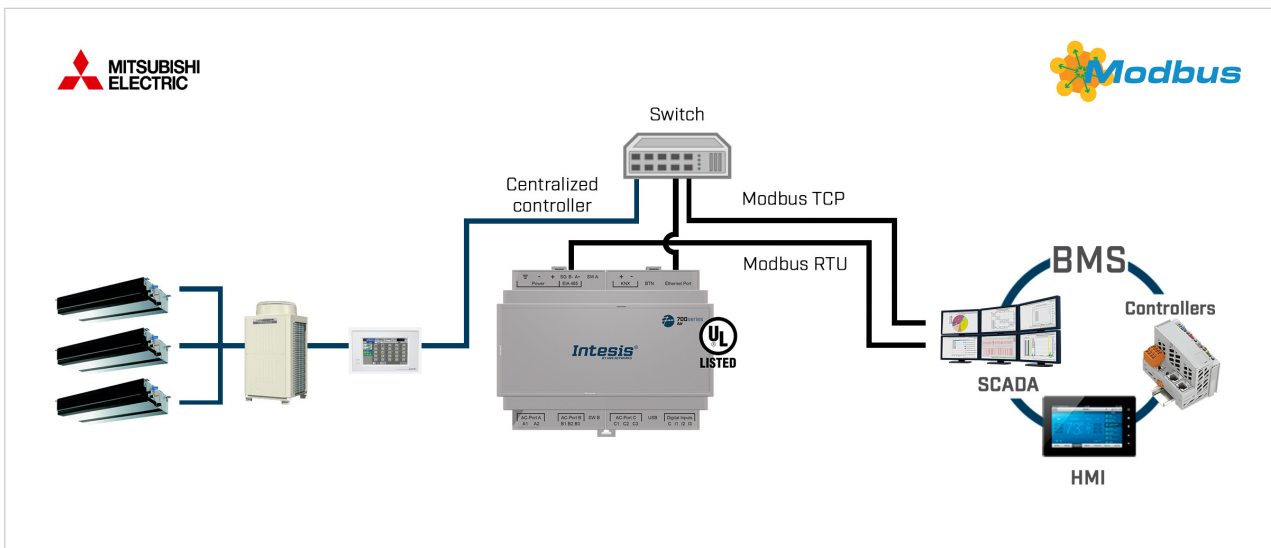Figure 1. Integration of Mitsubishi Electric AC systems into Modbus installations

Figure 2. Integration of Mitsubishi Electric AC systems into KNX installations
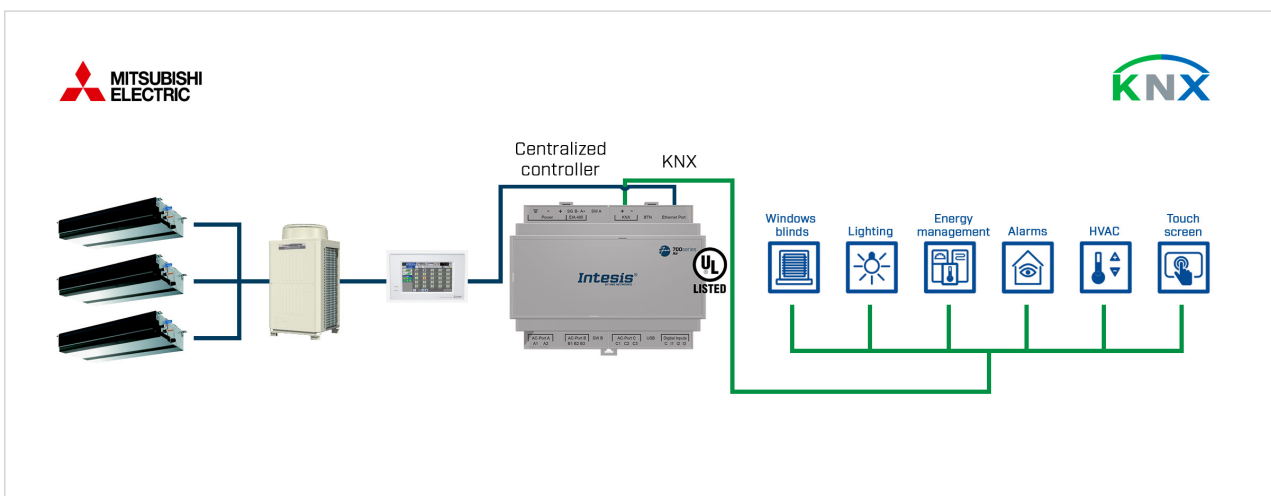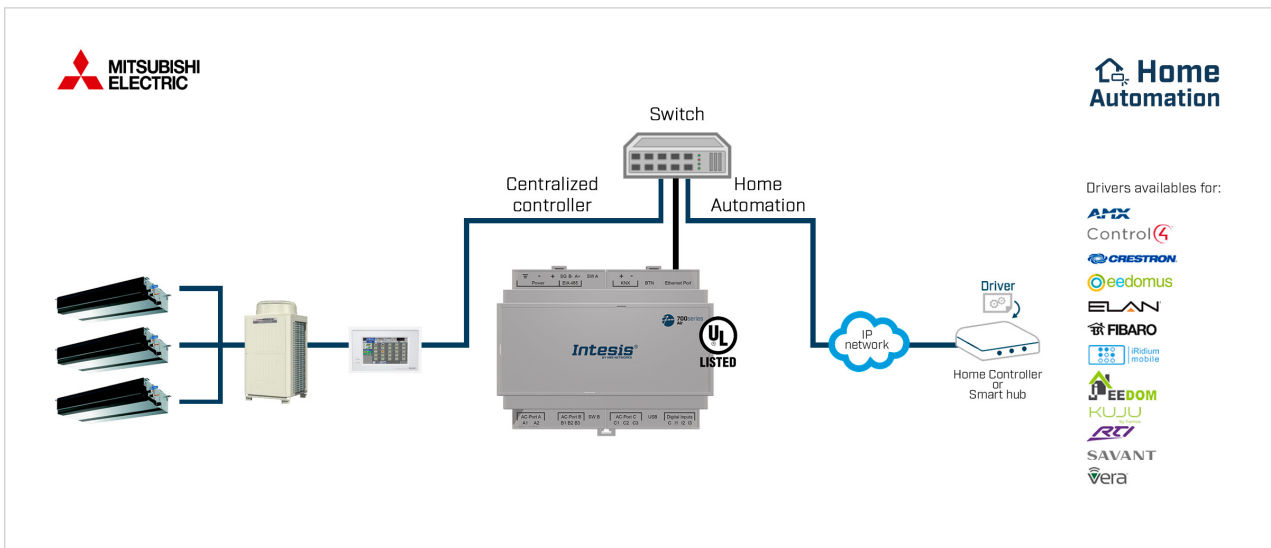
Figure 3. Integration of Mitsubishi Electric AC systems into Home Automation installations

4.1. Inside the Package

Items included:

• Intesis IN770MIT00xO040 Gateway
• USB Mini-B type to USB Type-A cable
• Installation Sheet

4.2. Main Features

• Several applications available: Configurable for Modbus TCP and RTU, KNX, and Home Automation communication protocols.
• Late configuration: Change between applications easily.
• Scan function: Find the devices connected to the air conditioning bus.
• Specific signals to monitor outdoor units.
• 2 x DIP switches for the EIA-485 connector termination and polarization configuration.
• 14 LEDs indicate the operating status for both the gateway and the communication bus.
• DIN rail and wall mounting case.
• Accredited with the main certifications for electronic equipment.
• Multiple ports for serial and TCP/IP communication:
  – Green pluggable terminal block for EIA-485 (3 poles)
  – Orange pluggable terminal block for KNX (2 poles)
  – Ethernet
  – Green pluggable terminal block for binary inputs (4 poles)
  – USB Mini-B type 2.0 port for connection to the PC
  – Green pluggable terminal block for AC connection (2 poles)
  – Green pluggable terminal block for AC connection (3 poles)
  – Green pluggable terminal block for AC connection (3 poles)