Modbus RTU Client to KNX TP Gateway

Item number: INKNXMBM1000200

Integrate any Modbus RTU server device with any KNX device or system using ETS. This integration aims to make any Modbus registers data and resources accessible from a KNX system as if they were a part of the KNX system and vice versa.



Modbus RTU to KNX - 100 points

Features and benefits

- **Modbus RTU support only**
  Only Modbus RTU is supported by the gateway, using its EIA-485 connection port.
- **ETS configuration**
  The gateway is configured using the ETS standard configuration tool software.
- **Up to 205 Communication Objects**
  It is possible to use up to a total of 205 communication objects.
- **Device template import/export through a DCA**
  Device templates can be imported/exported via DCA (Device Configuration App) for quick integration.
- **KNX standard datapoints (DPTs) support**
  KNX standard datapoints (DPTs) are supported, guaranteeing a simple KNX device/system integration.
- **Modbus registers adaptation to KNX installations**
  Signal-level operations (*/=) are available to adapt Modbus registers to precise KNX installations.
- **Up to 100 Modbus Registers**
  It is possible to use up to a total of 100 Modbus registers.
- **Always up to date: easy to update with the ETS DCA**
  Keeping the gateway updated is easy with just a button click on the ETS DCA firmware update tool.

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General

Net Width (mm)	36
Net Height (mm)	92
Net Depth (mm)	32
Net Weight (g)	81
Packed Width (mm)	100
Packed Height (mm)	60
Packed Depth (mm)	80
Packed Weight (g)	115
Operating Temperature °C Min	0
Operating Temperature °C Max	60
Storage Temperature °C Min	-30
Storage Temperature °C Max	60
Power Consumption (W)	0.59
Input Voltage (V)	30VDC from the KNX bus.
Power Connector	2-pole
Configuration	Configured using ETS+DCA
Capacity	Up to 100 points.
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.
Content of Delivery	Intesis gateway and installation manual.

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General

Mounting	DIN rail mount (bracket included)
Housing Materials	Plastic
Warranty (years)	3 years
Packaging Material	Cardboard

Identification and Status

Product ID	INKNXMBM1000200
Country of Origin	Spain
HS Code	8517620000
Export Control Classification Number (ECCN)	EAR99

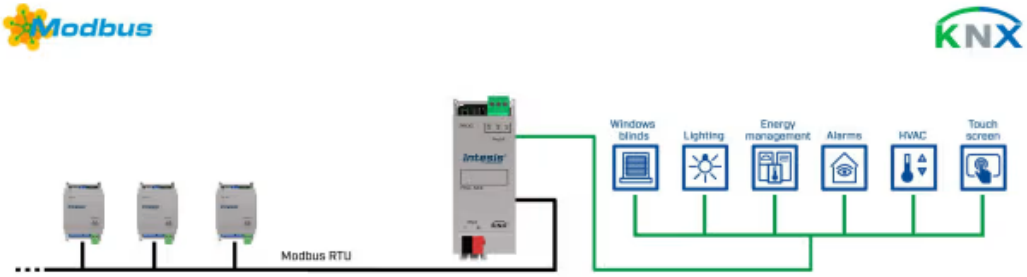
Physical Features

Connectors / Input / Output	EIA-485, KNX.
LED Indicators	Gateway and communication status.
Push Buttons	Programming mode.
DIP & Rotary Switches	EIA-485 serial port configuration.

Certifications and Standards

ETIM Classification	EC001604
WEEE Category	IT and telecommunications equipment

Use Case



Integration example.