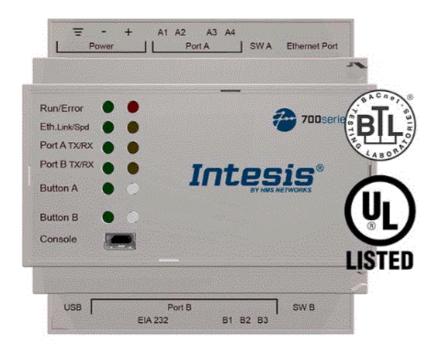🐦 Manuals+

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Intesis IN701KNX3K00000 KNX TP to Modbus TCP and RTU Server Application Installation Guide 📄

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Intesis®

Intesis IN701KNX3K00000 KNX TP to Modbus TCP and RTU Server Application

Specifications

- Item Number: IN701KNX3K00000
- Integrates KNX devices with Modbus BMS or Modbus TCP/RTU controller
- Supports KNX TP devices
- Supports Modbus RTU and Modbus TCP protocols
- Commissioning-friendly with Intesis MAPS Templates

Product Information

KNX TP to Modbus TCP & RTU Server Application

Item number: IN701KNX3K00000

Integrate any KNX device or install on with a Modbus BMS or any Modbus TCP or Modbus RTU controller. This integration aims to make KNX communica on objects and resources accessible from a Modbus-based control system or device as if they were a part of the Modbus system and vice versa.

Features and benefits

- **Up to six concurrent Modbus TCP clients supported**

  The gateway supports up to six simultaneous Modbus TCP clients.
- **Easy integra on with Intesis MAPS**

  The integra on process is quickly and easily managed using the Intesis MAPS configuration tool.
- **Configura on tool and gateway automa c updates**

  Both the Intesis MAPS configura on tool and the gateway's firmware can receive automatic updates.
- **Control up to 3000 KNX communica on objects**

  Up to 3000 KNX communica on objects can be controlled by the gateway.
- **Support for both Modbus RTU and Modbus TCP**

  The gateway supports both Modbus RTU and Modbus TCP protocols.
- **Commissioning-friendly approach with Intesis MAPS**

  Templates can be imported and reused as open as needed, significantly reducing commissioning me.

- **Support for KNX TP devices**

  The gateway supports KNX TP (twisted pair) devices.

Technical Data
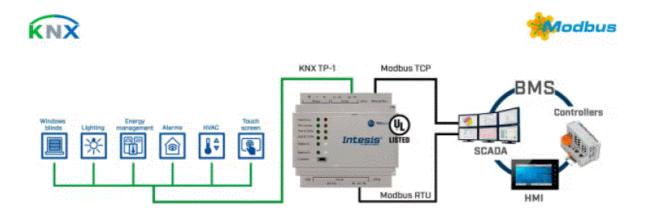
KNX TP to Modbus TCP & RTU Server Application

General	
Net Width (mm)	88
Net Height (mm)	90
Net Depth (mm)	58
Net Weight (g)	194
Packed Width (mm)	127
Packed Height (mm)	86
Packed Depth (mm)	140
Packed Weight (g)	356
Operating Temperature °C Min	-10
Operating Temperature °C Max	60
Storage Temperature °C Min	-30
Storage Temperature °C Max	60
Power Consumption (W)	1.7

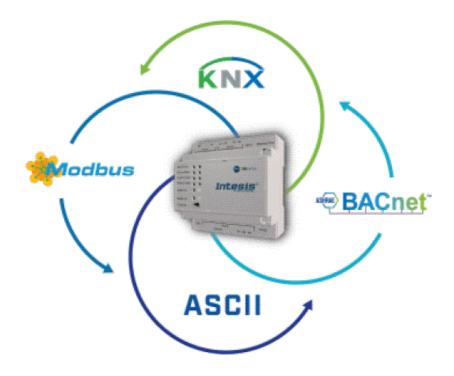|	
Input Voltage (V)	For DC: 9 .. 36 VDC, Max: 180 mA, 1.7 WFor AC: 24 VAC ±10 %, 50-60 Hz, Max: 70 mA, 1.7 W Recommended voltage: 24 VDC, Max: 70 mA
Power Connector	3-pole
Configuration	Intesis MAPS
Capacity	Up to 3000 points.
Installation Conditions	This gateway is designed to be mounted inside an 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, Installation Manual, USB Configuration cable.

General	
Not Included (in delivery)	Power supply not included.
Mounting	DIN rail mount (bracket included), Wall mount
Housing Materials	Plastic
Warranty (years)	3 years
Packaging Material	Cardboard
Identification and Status	
Product ID	IN701KNX3K00000_MBS_KNX
Country of Origin	Spain

HS Code	8517620000
Export Control Classification Number (ECCN)	EAR99
Physical Features	
Connectors / Input / Output	Power supply, KNX, Ethernet, Console port USB Mini-B type, USB storage, EIA-232, EIA-485.
LED Indicators	Gateway and communication status.
DIP & Rotary Switches	EIA-485 serial port configuration.
Battery Description	Manganese Dioxide Lithium button battery.
Certifications and Standards	
ETIM Classification	EC001604
WEEE Category	IT and telecommunications equipment

Use Case

Integration example

FAQ

- **Q: Does the gateway support both Modbus RTU and Modbus TCP protocols?**
  - A: Yes, the gateway supports both Modbus RTU and Modbus TCP protocols.
- **Q: What is the warranty period for the product?**
  - A: The product comes with a 3-year warranty.

Documents / Resources

Intesis IN701KNX3K00000 KNX TP to Modbus TCP and RTU Server Application [pdf] Installation Guide
IN701KNX3K00000, IN701KNX3K00000 KNX TP to Modbus TCP and RTU Server Application, IN701KNX3K00000, KNX TP to Modbus TCP and RTU Server Application, TCP and RTU Server Application, RTU Server Application, Application

References

- User Manual

Intesis

Application, IN701KNX3K00000, IN701KNX3K00000 KNX TP to Modbus TCP and RTU Server Application, Intesis, KNX TP to Modbus TCP and RTU Server Application, RTU Server Application, TCP and RTU Server Application

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