

## Modbus RTU to Modbus TCP Router

Item number: INMBSRTR0320000

Integrate devices in a Modbus RTU network with a Modbus TCP network transparently with our compact Modbus Router. This integration aims to make Modbus RTU devices, registers, and resources accessible to a Modbus TCP client BMS or controller.



*Modbus RTU to Modbus TCP - 32 devices*

### Features and benefits

- ✓ **Up to six concurrent Modbus TCP clients supported**  
The gateway supports up to six simultaneous Modbus TCP clients.
- ✓ **Commissioning-friendly approach with Intesis MAPS**  
Templates can be imported and reused as often as needed, significantly reducing commissioning time.
- ✓ **Modbus diagnostic signals available**  
Modbus diagnostic signals are available in both Intesis MAPS and also as Modbus registers.
- ✓ **Easy integration with Intesis MAPS**  
The integration process is quickly and easily managed using the Intesis MAPS configuration tool.
- ✓ **Up to 32 full-load RTU devices supported**  
The gateway supports up to 32 simultaneous full-load RTU devices.



| General                      |                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Net Width (mm)               | 53                                                                                                                                                                                                                                                                                                                                                                   |
| Net Height (mm)              | 93                                                                                                                                                                                                                                                                                                                                                                   |
| Net Depth (mm)               | 58                                                                                                                                                                                                                                                                                                                                                                   |
| Net Weight (g)               | 92                                                                                                                                                                                                                                                                                                                                                                   |
| Packed Width (mm)            | 120                                                                                                                                                                                                                                                                                                                                                                  |
| Packed Height (mm)           | 80                                                                                                                                                                                                                                                                                                                                                                   |
| Packed Depth (mm)            | 100                                                                                                                                                                                                                                                                                                                                                                  |
| Packed Weight (g)            | 295                                                                                                                                                                                                                                                                                                                                                                  |
| Operating Temperature °C Min | 0                                                                                                                                                                                                                                                                                                                                                                    |
| Operating Temperature °C Max | 60                                                                                                                                                                                                                                                                                                                                                                   |
| Storage Temperature °C Min   | -30                                                                                                                                                                                                                                                                                                                                                                  |
| Storage Temperature °C Max   | 60                                                                                                                                                                                                                                                                                                                                                                   |
| Power Consumption (W)        | 1.3                                                                                                                                                                                                                                                                                                                                                                  |
| Input Voltage (V)            | 9-36 VDC / 24 VAC / 50-60 Hz / 0.140 A / 1.7 W                                                                                                                                                                                                                                                                                                                       |
| Power Connector              | 3-pole                                                                                                                                                                                                                                                                                                                                                               |
| Configuration                | Intesis MAPS                                                                                                                                                                                                                                                                                                                                                         |
| Capacity                     | Up to 32 devices.                                                                                                                                                                                                                                                                                                                                                    |
| 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.                                                                                                                                                                                                                                                                                                                             |



## General

|                            |                                   |
|----------------------------|-----------------------------------|
| Not Included (in delivery) | Power supply not included.        |
| Mounting                   | DIN rail mount (bracket included) |
| Housing Materials          | Plastic                           |
| Warranty (years)           | 3 years                           |
| Packaging Material         | Cardboard                         |

## Identification and Status

|                                             |                 |
|---------------------------------------------|-----------------|
| Product ID                                  | INMBSRTR0320000 |
| Country of Origin                           | Spain           |
| HS Code                                     | 8517620000      |
| Dual Usage                                  | No              |
| Export Control Classification Number (ECCN) | EAR99           |

## Physical Features

|                             |                                    |
|-----------------------------|------------------------------------|
| Connectors / Input / Output | Power supply, EIA-485, Ethernet.   |
| LED Indicators              | Gateway and communication status.  |
| DIP & Rotary Switches       | EIA-485 serial port configuration. |
| Contains Battery            | No                                 |

## Certifications and Standards

|                     |          |
|---------------------|----------|
| ETIM Classification | EC001604 |
| CE                  | Yes      |
| CB                  | Yes      |
| UKPSTI              | Yes      |
| UL                  | Yes      |

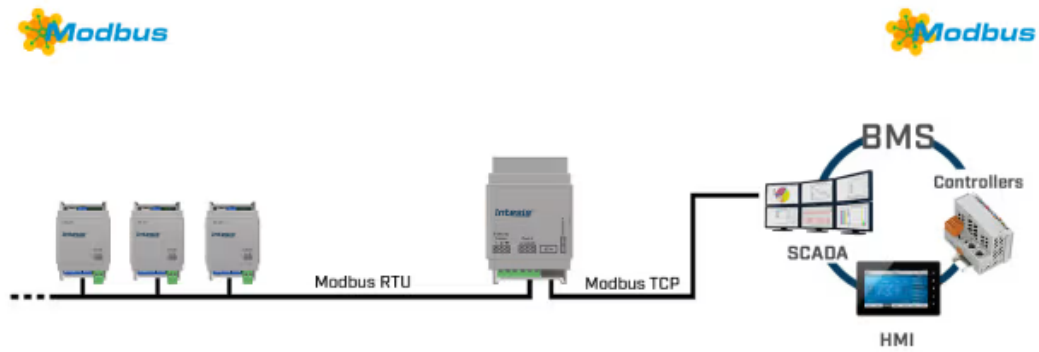


## Certifications and Standards

|               |                                     |
|---------------|-------------------------------------|
| KC            | Yes                                 |
| WEEE Category | IT and telecommunications equipment |



## Use Case



Integration example.