



## Modbus Coupler

### Modbus Coupler

The Modbus coupler allows to connect Modbus devices with the FRAKO Energy Management System. The data between the coupler and the Central Unit EMIS 1500 is exchanged via Ethernet.

#### // Description

A maximum of 31 Modbus devices can be connected to the coupler. The configuration software and a AC adapter are included in delivery.

Ready to use address tables already exist for the following Modbus devices:

- EMA 1496
- EMA 1296
- FRAKO RM 2012
- Socomec DIRIS A20, A40
- Janitza UMG 507, 508, 511, 604, 605
- Schneider Masterpact Power Switches
- FRAKO Active Filters
- Further Modbus address tables can be created and saved with the configuration software SYSTEM-SW

The Modbus coupler will be logged in as a bus coupler in the System-SW.

## // Technical Data

<b>Power supply</b>	
Input voltage	12 V - 48 V DC +/-10 % 9 V <sub>eff</sub> - 30 V <sub>eff</sub> AC +/-10 %
Current consumption	Typ. 85 mA at 24 V DC
<b>Power supply (wall wart)</b>	
Input voltage	230 V AC
Frequency	50 Hz
Current consumption	65 mA
Output voltage	18 V DC
Output current	300 mA
<b>Interfaces</b>	
1 Modbus	RS-485, 9 pole Sub-D connector (male)
Ethernet	RJ45, for connection to LAN Network; protocol: TCP/IP; transmission: 10 / 100 BT autosensing
<b>Mechanical construction</b>	
Dimensions	22 x 75 x 105 mm (W x H x D)
Installation	On standard rail 35 mm according to DIN EN 50022
Weight	Approx. 0.2 kg
<b>Operating conditions</b>	
Ambient temperature	Not assembled: 0 °C up to +60 °C; Assembled: 0 °C bis +50 °C
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