## **RTU 7M**



Has a compact construction

Has a 1 ms sensivity

Has an expandable input and output structure

Measurement can be made by adding current and voltage cards. It can also work as a protection relay with EP cards.

Has a built-in modem. (Optional)

Has IEC 61850, IEC 60870-5-101, IEC 60870-5-103, IEC 60870-5-104, DNP3, MODBUS TCP/RTU, DLMS, OPC UA, SNMP communication protocols

Has NTP, SSH, SCEP, SQL data storage features.

Has a large memory. It can communicate with more than 50 IEDs.

Any number of SERIAL and ETH ports can be added by adding communication cards.

With the Battery-Back Up feature, an external battery can charge a 12 V or 24 V battery.

Has 24 V / 110 V Supply and Inputs.

Has case structures with 2,3,5,8,10 and 16 slots.

There is a temperature sensor.

Parameterization can be made via the RTU center software or via the WEB interface.

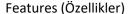
## **ELSETA MINI RTU AND MODULS**

## Özellikler

- 1xRS485/232; 1xRS485; 2xEthernet
- 1 x Digital Input
- ✓ WIFI, 2G/3G/4G(LTE) integrated communication
- 2 SIM card modem
- PLC logic Internal memory: SD card
- RTC clock and NTP server/client
- Hardware Watchdog
- Alarm management
- User management
- Cyber security according to industry standards
- Syslog event to remote server
- SOE event management
- Web-based configuration
- Detailed information on connected devices
- $Network\,traffic\,monitoring\,and\,filtering$ Plug'n'Play configuration for I/O modules
- Remote Authentication Dial-In User Service (RADIUS)
- Moduller (16'lı DI Modulü, 8 DI-8DO Modulü, 8 'li 4-20mA analog input Modulü)

## Haberleşme Protokolleri

- Modbus master / slave (RTU / ASCII / TCP)
- M-bus master (Serial/TCP)
- IEC 60870-5-101 master/slave
- IEC 60870-5-103 master
- IEC 60870-5-104 master/slave DNP3 master/slave
- ✓ IEC 61850
- DLMS
- Transparent tunnel from TCP to Serial
- MQTT or Restful API as optional



**Communication Protocols** (Haberleşme Protokolleri)



