STCU DL2

Concentrator for reading M-Bus devices with datalogger

The STUC DL2 device is a Master for M-Bus networks with the purpose of reading data from the meters connected and store them internally.

The logs must be displayed by the "STCU Reader" user program provided separately.

The device must be configured locally through the "STXM Reader" software.

The STCU DL2 has a memory of 1 MB dedicated to saving the readings.

The duration of the memory depends largely on the number of devices connected to the M-Bus network and the frequency of readings. With 100 devices connected to the network, memory will be filled after about 50 readings. After that, the oldest data will be overwritten.

The STCU DL2 concentrator, among other functions, manages the STCR-IO devices, i.e. M-Bus slave equipped with a digital input and output, which using the software "STXM Reader" can be configured according to your needs.

TECHNICAL FEATURES

- Power supply: 230VAC 50/60Hz, 15 W (Maximum).
- USB port for configuration and local device reading.
- Operating temperature: 0 – 45 °C.
- M-Bus Master (2400 Baud) port, protected against overload and short circuit.
- Device for 32 or for 60 meters (can be extended to 500 through STAM amplifiers).
- Indicator LED for M-Bus line status (overload or short circuit).
- 1 MB memory for saving the log.

FUNCTIONAL FEATURES

- Reader for meters and/or devices with M-Bus interface.
- Saving of readings on the internal device memory.
- Up to two schedulers can be set up for daily, weekly or monthly automatic log run and counting values saving.
- The log can be displayed through PC and dedicated software ("STCU Reader").
- Local device configuration through PC and dedicated software ("STXM Reader").
- Instant values reading of devices through PC and dedicated software ("STCU Reader").
- "STCR-IO" (IO M-Bus) devices management.

DIMENSIONAL FEATURES

- Hooks on DIN EN 607 guide
- Colour: Grey RAL 7035
- Material: PPO self-extinguishing
- Dimensions: 9 DIN modules

PRODUCT CODE

STCU-032-DL2	Master M-Bus for 32 meters with datalogger for saving the readings.
STCU-060-DL2	Master M-Bus for 60 meters (can be extended to 500 through STAM amplifiers) with datalogger for saving the readings.

RELATED PRODUCTS:

ST-SWC-C2	Software for local concentrator configuration ("STXM Reader").
SG-PRG-USB	Mini USB – PC connection cable (standard).
ST-AM-120-01	Amplifier module for extending the network by 120 further devices.
ST-AM-250-01	Amplifier module for extending the network by 250 further devices.
ST-SWL-C01	Software for reading local meters ("STCU Reader").
STCR-IO-001	M-Bus slave device with one relay output and one input.