Sontex 624

Remote M-Bus Display

Application

The Remote M-Bus Display allows displaying data of 30 M-Bus meters connected to a wired M-Bus network.

The use of the Sontex 624 can be made through the navigation buttons or via the software Tools624 through the optical or serial communication interface.

Automatic detection of M-bus devices is possible through the software Tools624.

The data reading is possible on site via the RS232 interface or via modem.

Operation

The reading values of the meters will be viewed on the Sontex 624 display. To view the data of one device, an access code is needed. If the access code matches the selected device, it will be possible to visualize the data contained in the M-Bus device.

If the access code doesn't match the selected device, no data will be displayed on the Sontex 624 display.

A custom display sequence is possible for each device, the display sequences could be defined by using the software Tools624.

- Display of the data stored in the M-Bus devices.
- Protection of the data reading through an access code.
- Two different modes to display the data: User mode and administrator mode.
- The Sontex 624 can serve as an M-Bus Master and allows communicating with 30 M-Bus devices (slaves).
- Displaying sequences of reading values programmable with the software Tools624.
- Programming of the sequences of the reading values via the optical interface or RS232.
- Possibility to connect a modem to remotely configure the Sontex 624.
- Compatible with all the Sontex M-Bus devices.
- M-Bus communication according to EN13757-3.
- 230 VAC switching power supply.
- Updates guaranteed with new Sontex M-Bus devices.
- Status of operation of the Sontex 624 displayed with 4 LED.
- Remote configuration via modem connected on the RS232 interface.

List of M-Bus devices which can be read

- Compact heat meter Supercal 539 with M-Bus option
- Integrator Supercal 531 with M-Bus option
- Heat meter Superstatic 440 with M-Bus option
- Compact heat meter Superstatic 449 with M-Bus option
- Pulse meters Relay M1, Relay M2, Relay M4
- Pulse meter Elster TMP-A

This list can be extended with other device types and manufacturers.

Software Tools624

The software Tools624 should be installed on a computer and allows the access to the parameterization of the Remote M-Bus Display Sontex 624.
Following options are available:

- Create and save a M-Bus devices list
- Allocate an access code for each different device in the list.
- Define the values to visualize.
- Automatically check for devices on the M-Bus network (by primary or secondary address)
- Two viewing modes, user or administrator
  Administrator mode: this mode allows the access to all the devices from the list stored into the Sontex 624 without entering each access code.
  User mode: It is necessary to introduce the access code for each device in order to read its stored data.

The reading data of the meters will be only displayed on the Sontex 624 display and cannot be taken over by the software Tools624.

Technical Data

General

Operating temperature	5°à 55°C
Storage temperature	-10°à 55°C (dry environment)
Weight	0.180 Kg

Housing

Protection class	IP 54

Dimension

Case dimensions:	110x139x46 mm

Communication interfaces

Optical for the reading and configuration of the Sontex 624 (9600 Bd)
RS232 DCE for the reading and configuration of the Sontex 624 (38400 Bd)
M-Bus according to EN13757-3 (300 - 2400 Bauds)

Electronical characteristic

Main power supply 230 VAC

Technical Support

For technical support, please contact your local Sontex agent or Sontex SA directly.

Hotline Sontex:
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Technical modifications subject to change without notice

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