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RI-A5MBUS Module

M-Bus Communication Module for RI-F500 Series

- Extends the capability of the RI-F500 Series Multifunction Network Analysers
- Automatically recognised by RI-F500 Series
- Baud rate: 1200/2400/4800/9600 bps
- Communication mode based on master-slave framework

Product Description

The RI-A5MBUS is a M-Bus communication module used to extend the bus communication function of the RI-F500 Series Network Analysers.

Baud rate: 1200/2400/4800/9600 bps
Based on master-slave communication method

Relevant parameters can be configured through the host computer or RI-F500 Series Network Analyser.

Safety Instruction

Please read this user information carefully before using this module.

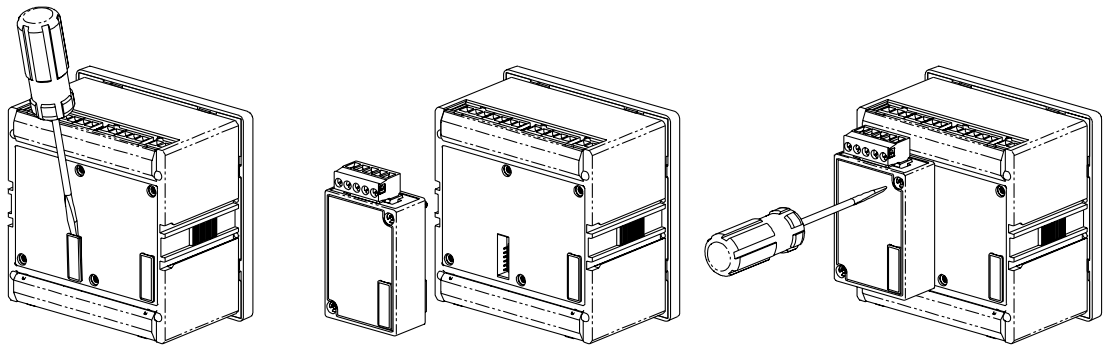
This module must be installed and serviced by professional personnel.

The installer is responsible for compliance with these instructions.

It is recommended that the user also refers to the RI-F550 user manual, Modbus-RTU Communication user manual.

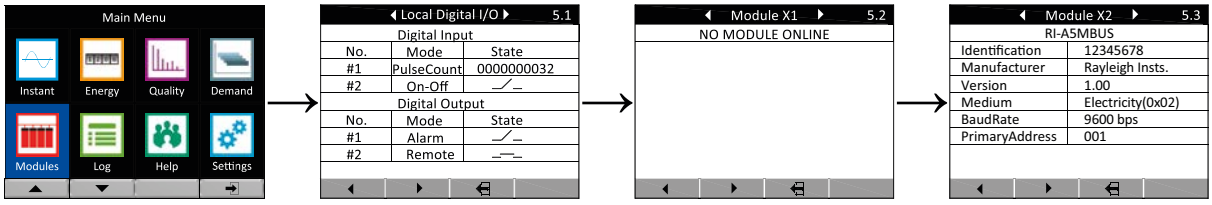
Installation and Operation

Disconnect the power supply of RI-F500/RI-F550, and then connect the RI-A5MBUS module to slot X2 (take slot X2 as example).



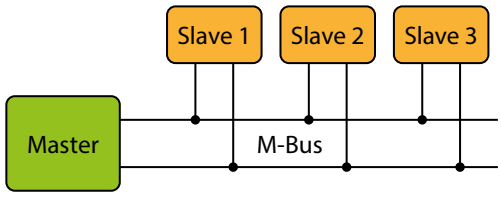
Connect the RI-F500/RI-F550 to the power supply, and then enter the module interface of the RI-F500/RI-F550 to check the information of slot X2. If the connection between the meter and the module is correct, the parameters of RI-A5MBUS will be shown.

Detailed operation process is shown in the following picture.

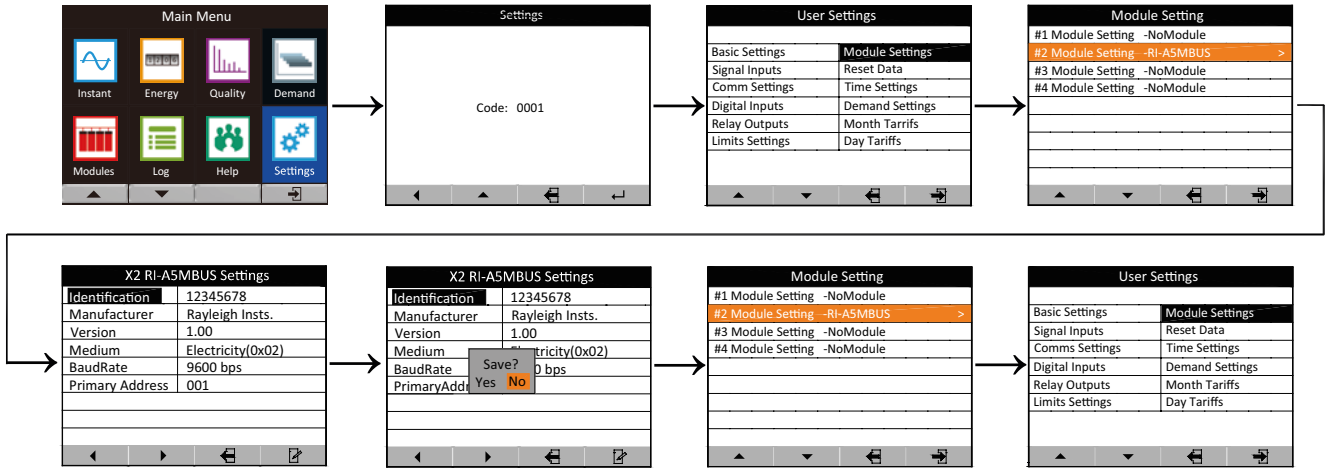


Configuration

In the M-Bus network, users can read the real-time measurement data of RI-F500/RI-F550 (with RI-A5MBUS module) through standard protocol, or realize remote parameter configuration through fixed instructions (model shown below).



Configuring the RI-A5RSBAC through the RI-F500/RI-F550.



E&OE. Please check critical parameters at time of order. ISSUE : 2021101

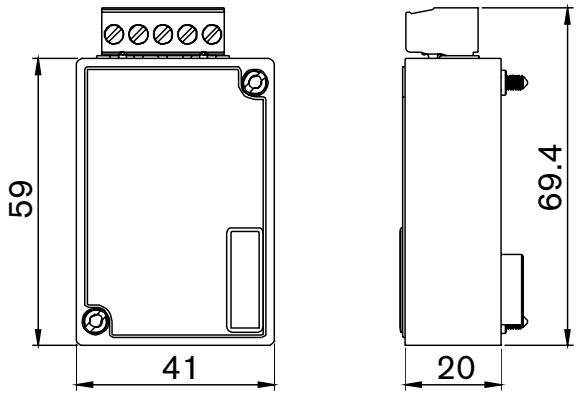
Technical Parameters

Network Interface	M-Bus
Baud rate	1200/2400/4800/9600bps
Work mode	M-Bus Slave
Protocol	M-Bus

Environmental Conditions

Operating temperature	–25°C…+75°C
Storage temperature	–40°C…+85°C
Relative humidity	0…95%, non-condensing

Dimensions



Model Selection Table

Communications	Model
M-Bus Communication Module	RI-A5MBUS