ML-1201.MX & ML-1207.MX
MAXLOGIC MODBUS MODULES

MODBUS is the industrial automation communication protocol that enables the monitoring and controlling of many different systems used in building and factory automation from a single center. ML-1201.MX and ML-1207.MX Modbus modules are designed for communication of the intelligent addressable fire detection systems and other systems in the building each other by using this protocol. Provides to send the information in the fire detection system to Modbus Server and give commands of alarm cancellation, reset, buzzer cancellation and alarm to the fire alarm panel via Modbus Server.

ML-1201.MX MODBUS MODULE

Provides to communicate the single fire alarm systems with building management system via Modbus protocol by installing to the fire alarm panel like a network card. The connection between the fire alarm panel and the Modbus server is via RS-232 or RS-485.

ML-1207.MX GCU MODBUS MODULE

It is used to communicate the fire detection system connected to the network and the building management systems via the Modbus protocol. The connection between the GCU Modbus module and the Modbus server is connected via RS-232.

- Up to 247 modbus GCU modules can be connected to one Modbus server.
- Each Modbus GCU module can be operated with max. 8 loops with 8 fire alarm panels in same network.
- Redundant working structure can be provided with installing second GCU Modbus Module to the network that the fire alarm panel is connected
- Provides automation with building management system and fire alarm panel (up to 1976 pcs.), with using 247 GCU Modbus modules.

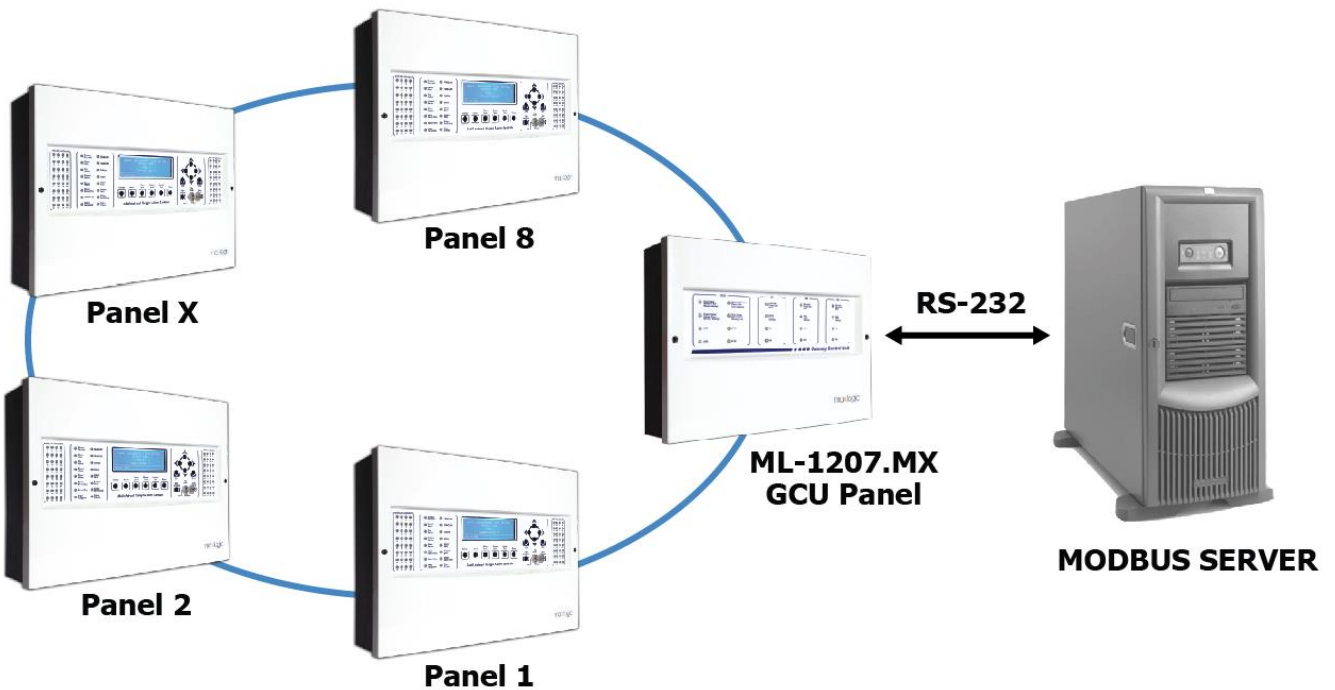# MODBUS COMMUNICATION IN SINGLE PANEL SYSTEM

ML-1201.MX MODBUS MODULE
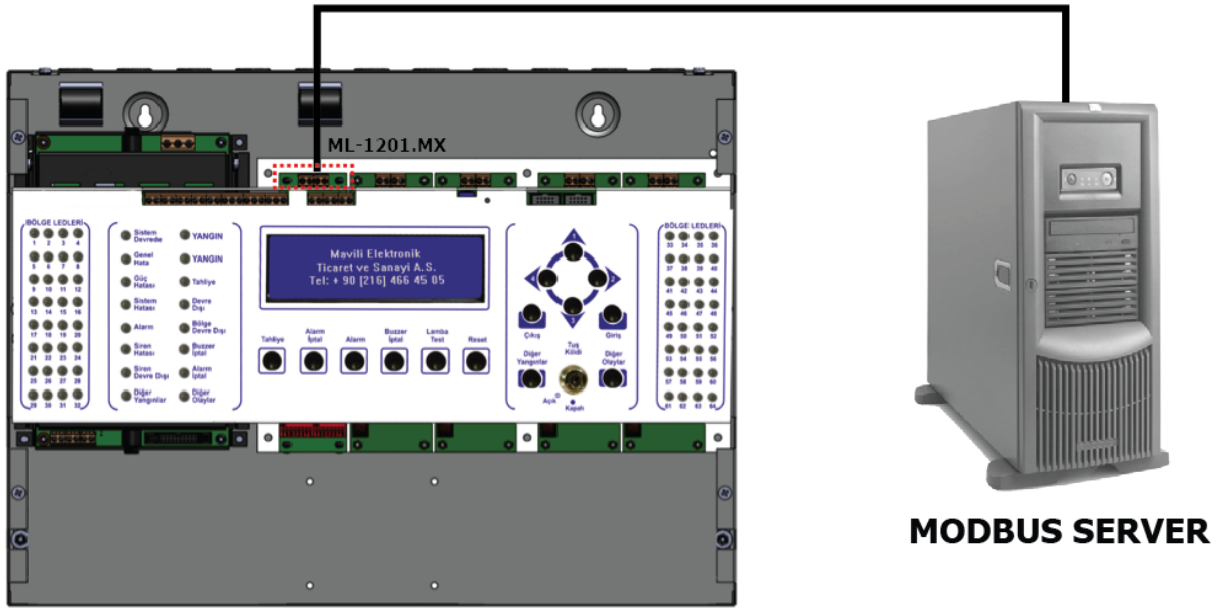
ML-12XX Fire Alarm Control Panel

MODBUS SERVER

MODBUS COMMUNICATION IN NETWORK SYSTEMS

ML-1207.MX GCU MODBUS MODULE

Panel 8

Panel X

Panel 2

Panel 1

ML-1207.MX GCU Panel

MODBUS SERVER

ML-1207.MX GCU MODBUS MODULE

THROUGH BACK-UP WORKING

ML-1207.MX
GCU Panel 9

Panel 8

Panel X

Panel 2

Panel 1

RS-232

RS-232

MODBUS SERVER

ML-1207.MX
GCU Panel 10