

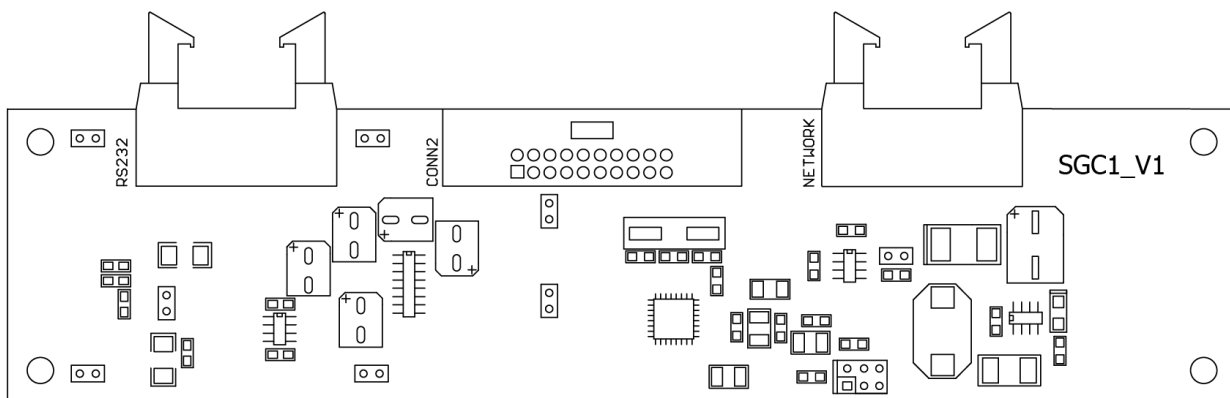
ML-12011.XX

MAXLOGIC ADDRESSABLE SYSTEM SGC MODULE, RS-232 - RS-485 - TCP/IP OUTPUT

ML-12011.XX SGC (Single Gateway Control) module is designed for controlling and graphical monitoring the single panel Maxlogic addressable systems. Thus, Network module and GCU panel are not required to remote monitoring/controlling of the single panel Maxlogic addressable system. SGC module is mounted to network module place in intelligent addressable panels. Communication with supervisor is provided via communication ports on communication module. This communication can be done in 3 ways:

1 - ML-12011.KU RS-232 SGC Module

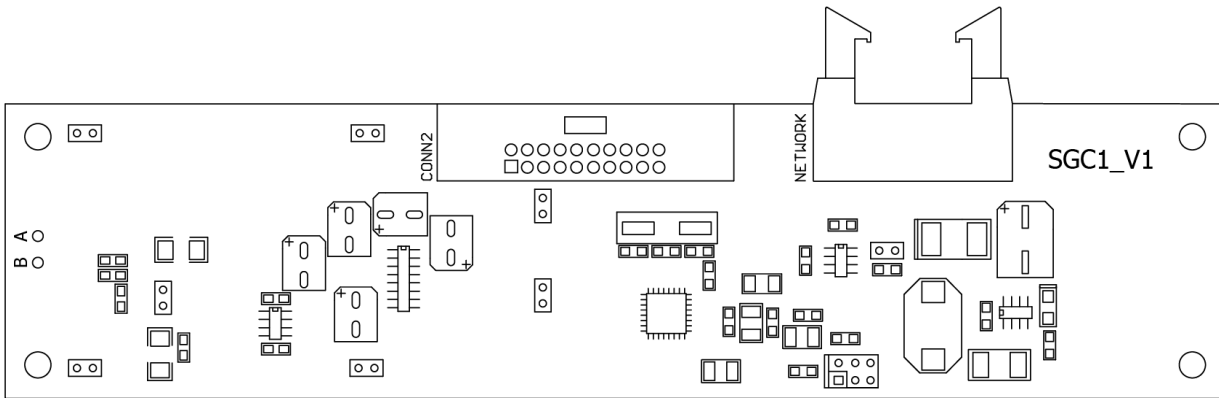
The RS-232 port in ML-12011.KU, used both for communication with supervisor and configuration. It provides communication between PC and panel for max.15 m. When this module is used; MLY-0205 is connected to RS-232 (COM) port.If there is no RS-232 (COM) port, communication cable is connected to PC USB port with using RS-232 / USB.



2 - ML-12011.KB RS-485 SGC Module

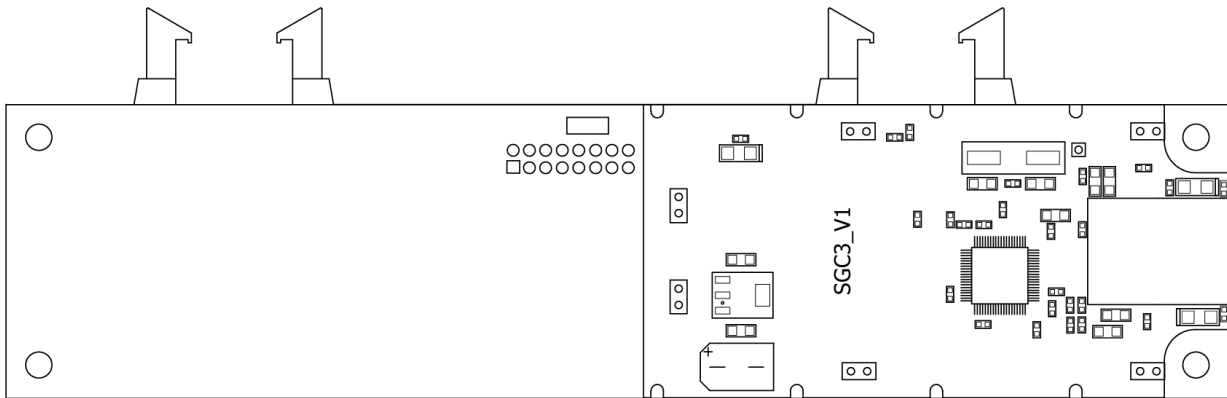
The RS-485 port in ML-12011.KB SGC, used for both communication with supervisor and configuration. It provides max. 1200 m communication between PC and panel.

When RS-485 option is used, Ftp Cat6 network cable should be selected. (used ad 4 per), MHS-2700 is connected to PC USB port via RS-485/USB converter. In RS-485 communication, 120 R resistance is connected to connection socket in MHS-2700.



3 - ML-12011.C TCP/IP SGC Module

TCP/IP port is used for communication between computer and panel via internet (LAN or WAN). RS-232 port is used for configuration.



PRODUCT FEATURES

- It is used to control and monitor the single panel Maxlogic addressable systems via supervisor
- No need for GCU or network card when SGC module is used
- SGC is connected to xMCU via xNCU port
- SGC module is defined as xNCU by xMCU
- It can be connected to supervisor directly via RS-232 / RS-485 or with TCP/IP via internet
- Produced by surface mount technology
- Microprocessor controlled

TECHNICAL SPECIFICATIONS

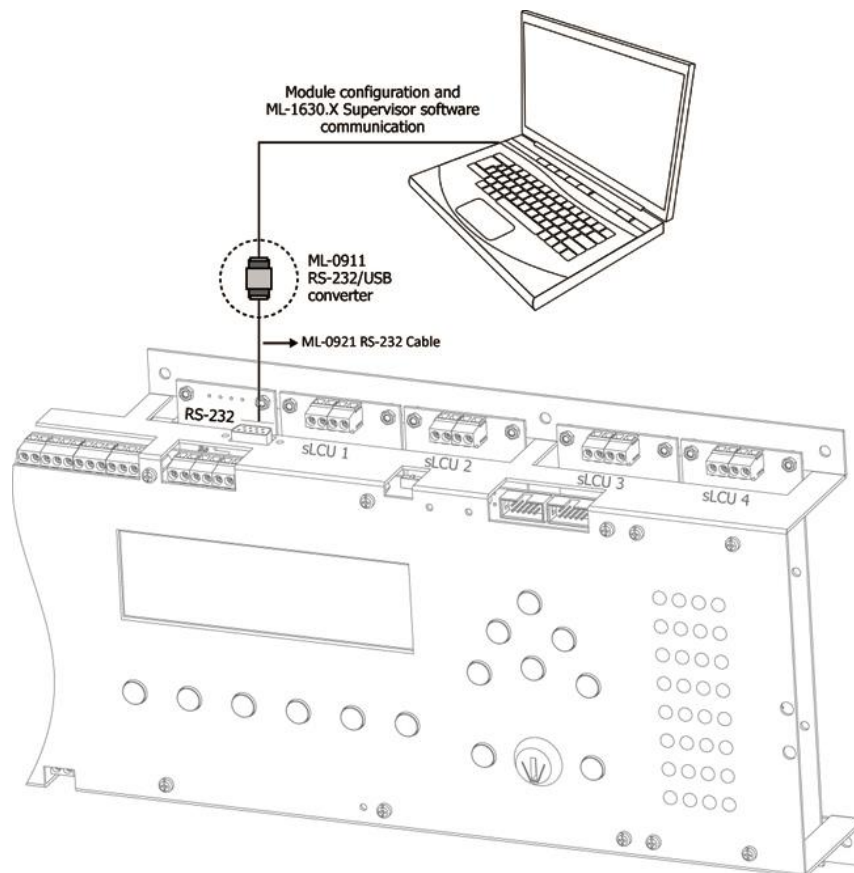
Operating voltage	18V - 30V DC
Weight	60 gr
Dimensions (LxW)	45 x 188 mm
Operating temp.	(-10°C) - (+55°C)
Storage temp.	(-30°C) - (+65°C)
Relative humidity	%0-95 (+40°C non-condensing)

MODELS

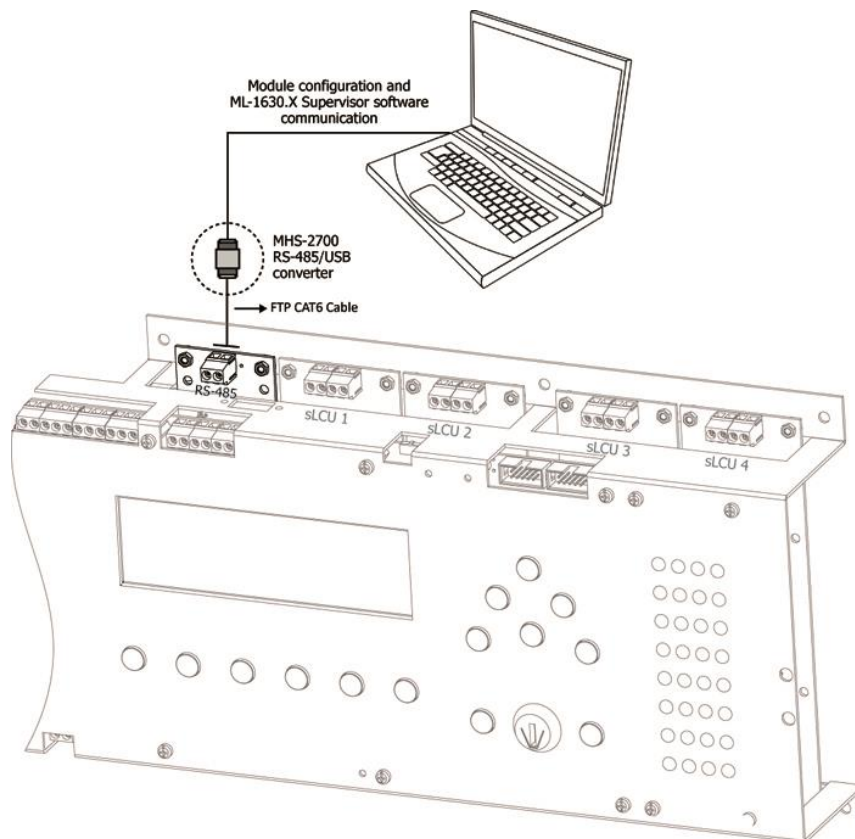
Product	Description
ML-12011.KU	Maxlogic Intelligent Addressable System SGC Module, RS-232 output
ML-12011.KB	Maxlogic Intelligent Addressable System SGC Module, RS-485 output
ML-12011.C	Maxlogic Intelligent Addressable System SGC Module, TCP/IP output

CONNECTION DIAGRAM

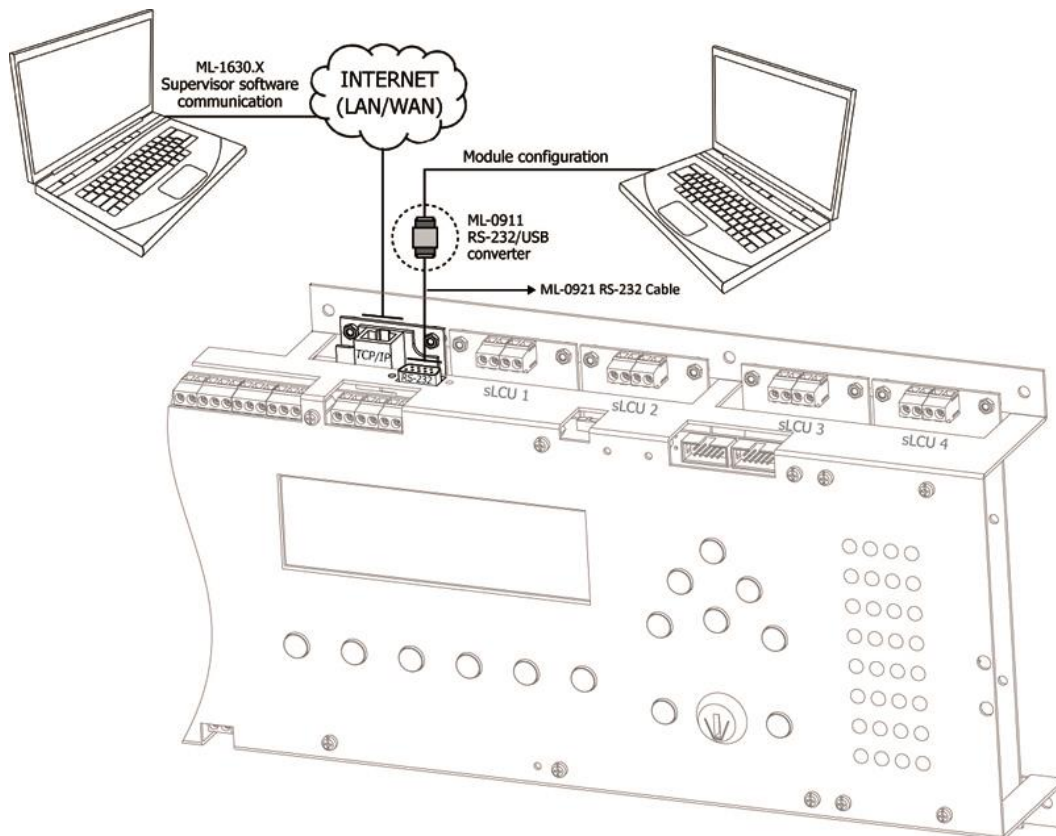
ML-12011.KU RS-232 SGC Module Connection Diagram



ML-12011.KB RS-485 SGC Module Connection Diagram



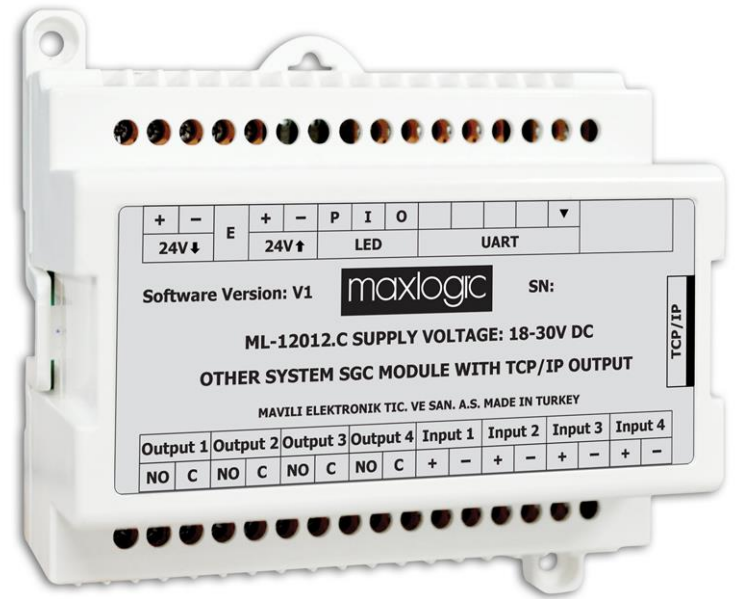
ML-12011.C TCP/IP SGC Module Connection Diagram



ML-12012.C & ML-12012.UART

MAXLOGIC OTHER SYSTEM SGC MODULE, UART - TCP/IP OUTPUT

ML-12012.X SGC (Single Gateway Control) I/O module is designed for monitoring and controlling the systems except Maxlogic series intelligent addressable system via supervisor. It needs 18-30V DC external power supply. Communication is provided by TCP/IP and UART ports. Communication can be done in 3 optional way;



1. ML-12012.UART / UART SGC MODULE

Uart port is used both for communication between supervisor and configuration. Uart port is used to provide communication between panel and PC for max. 2 m. When using the UART port, connection between PC and module should be done via ML-0922 cable and ML-0910 Uart / USB converter. ML-0910 Uart / USB converter is plug into PC USB port.

2. ML-12012.C TCP/IP SGC MODULE

TCP/IP port provides communication between the Supervisor installed PC and panel via internet (LAN or WAN). Uart port is plug in for configuration.

There are 4 inputs and 4 outputs for controlling and monitoring external systems in SGC module. Defined events on inputs to trace the external systems:

- Input1 : System Fault
- Input2 : Alert
- Input3 : Fault
- Input4 : Fire

Produced outputs for controlling external systems:

- Output1 : Silence Alarm
- Output2 : Reset
- Output3 : Alarm
- Output4 : Evacuation

INDICATORS

Power LED (P): Illuminates continuously when module is energized.

Input LED (I): Illuminates when input is active.

Output LED (O): Illuminates when output is active.

TECHNICAL SPECIFICATIONS

Operating Voltage	18V - 30V DC
Operating Current	Max. 50mA
Weight	155 g
Dimensions (LxWxD)	100 x 100 x 52 mm
Operating Temperature	(-10°C) - (+55°C)
Storage Temperature	(-30°C) - (+60°C)
Relative Humidity	%0-95 (+40°C non-condensing)
Output Contact Capacity	Max. 100mA
Defined Input Signal Range	Min. 5V DC / Max. 30V DC

MODELS

Product	Description
ML-12012.UART	Maxlogic Other System SGC Module, UART output
ML-12012.C	Maxlogic Other System SGC Module, TCP/IP output

CONNECTION DIAGRAM

