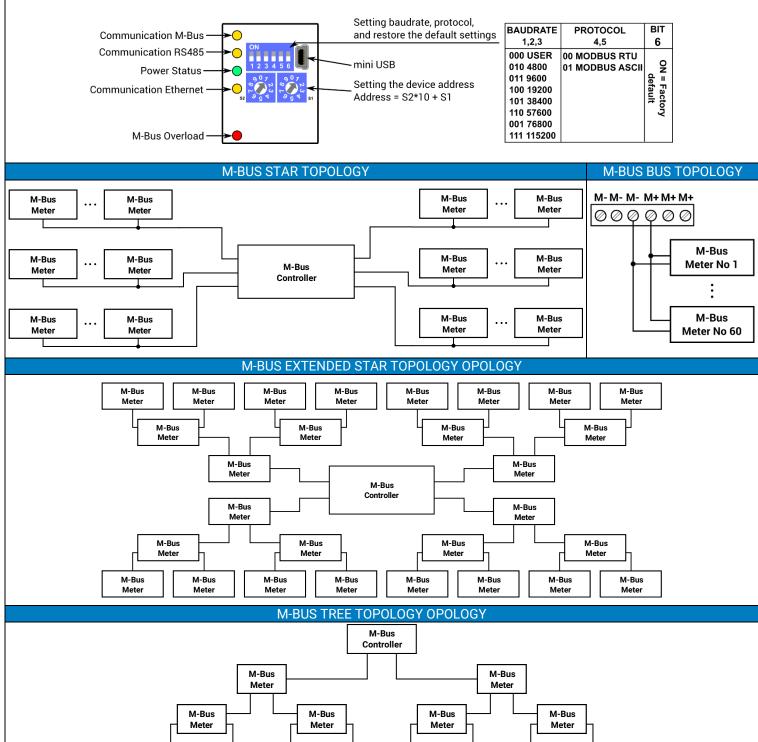


iSMA-B-MG-IP



SPECIFICATION	
Supply	DC: 24 V ± 20%, 5 W; AC: 24 V ± 20%, 7.5 VA
Interface	RS485 half duplex: Modbus RTU/ASCII, up to 128 devices on the bus Ethernet: Modbus TCP/IP M-Bus: up to 60 devices on the bus
Address	Set by switch in range from 0 to 99
Baudrate	Set by switch in range from 4800 to 115200 bps
Ingress Protection Rating	IP40 - for indoor installation
Temperature	Operating: -10°C to +50°C (14°F to 122°F) Storage -40°C to +85°C (-40°F to +185°F)
Relative humidity	5 to 95% RH (without condensation)
Connectors	Separable, max 2.5 mm²(18 – 12 AWG)
Dimension	37 x 110 x 62 mm (1.46 x 4.33 x 2.44 in)
Mounting	DIN rail mounting (DIN EN 50022 norm)
Housing material	Plastic, self-extinguishing PC/ABS
OP PANEL	



M-Bus

Meter

M-Bus

Meter

M-Bus

Meter

POWER SUPPLY

M-Bus

Meter

M-Bus

Meter

M-Bus

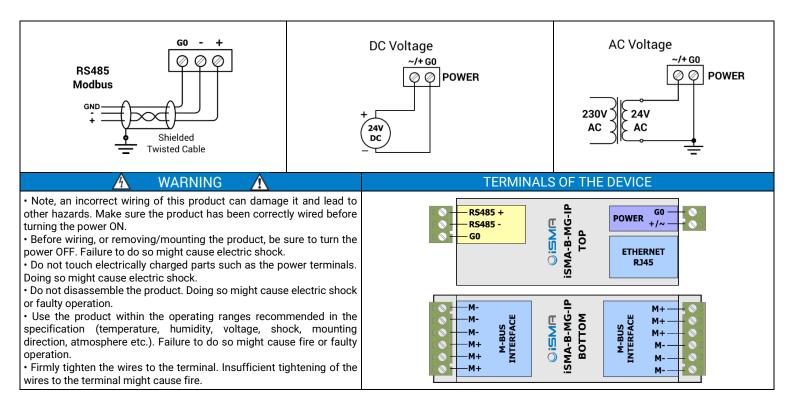
Meter

M-Bus

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M-Bus

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FCC COMPLIANCE NOTE

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WIRING

- Line power cables must be routed with spatial separation from signal and data transmission cables.
- Analogue and digital signal cables should also be separated.
- It is recommended to use shielded cables for analogue signals, cable shields should not be interrupted by intermediate terminals.
- The shielding should be earthed directly after the cable enters the cabinet.
- It is recommended to install interference suppressors when switching inductive loads (e.g. coils of contactors, relays, solenoid valves). RC snubbers or varistors are suitable for AC voltage and freewheeling diodes for DC voltage loads. The suppressing elements must be connected as close to the coil as possible