

BSR-1004/MODBUS ADDITIONAL BOARD TO SUPPORT BSR-100X PANELS STATUS MONITORING VIA MODBUS ASCII PROTOCOL 

TECHNICAL CHARACTERISTICS	
OPERATION VOLTAGE	3.3V DC
MAXIMUM POWER CONSUMPTION	2.5mA
PRODUCED IN ACCORDANCE WITH	EN 61000-6-1, EN 61000-6-3
OPERATION TEMPERATURE RANGE	5 to 40 °C
RELATIVE HUMIDITY	Up to 95%
EXTERNAL DIMENSIONS	53 x 34 x 18 mm
TYPICAL WEIGHT	10gr.
GUARANTEE	3 years

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Technical Specifications

The BSR-1004/MODBUS is a RS-485 transceiver.
The following specification are not configurable.

Communication System	RS-485
Bits per second	38400 baud
Data bits	7 bits
Parity	Even
Stop bits	1
Flow Control	None

For instructions how to enable the modbus refer to BSR-100x manual to the following link:
https://support.olympia-electronics.gr/olympia_pub/bsr-100x_manual_EN.pdf
For register map please visit the following link:
https://support.olympia-electronics.gr/olympia_pub/bsr-100x_modbus_manual_EN.pdf

Placement

To enable MODBUS communication between the control panel and a Building Monitoring System, the MODBUS adaptor must be installed.
Disconnect batteries and mains power. Place the spacers (a) and finally place the MODBUS adaptor on the corresponding connector on the CPU board.
Then power on the control panel and connect the batteries, go to Technician menu "EXT. PCB FUNCTION" and MODBUS option. Select the control panel's MODBUS address via "SELECT MODBUS ADDR." option in Technician menu.

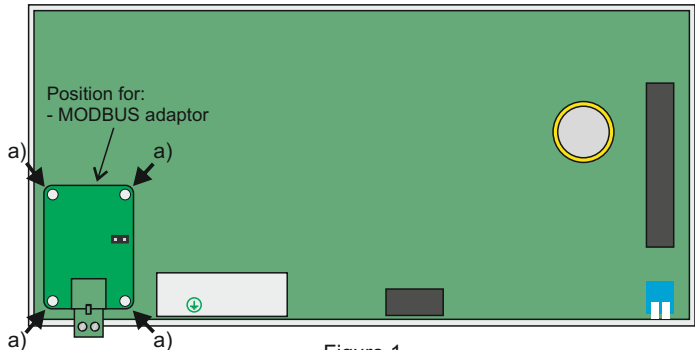
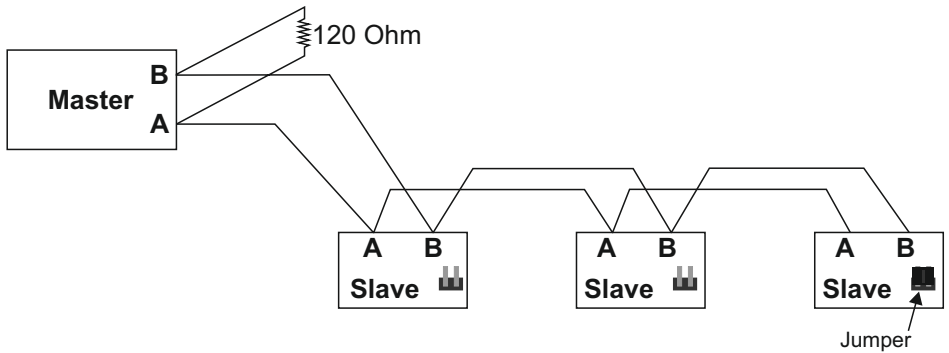


Figure 1

For multiple RS-485 MODBus connection follow the illustrated setup.



Jumper must be placed to the last Slave device in order to activate the on board 120 Ohm resistance of the Slave.

WARRANTY

Olympia Electronics guarantees the quality, condition and operation of the goods. The period of warranty is specified in the official catalogue of Olympia Electronics and also in the technical leaflet, which accompanies each product. This warranty ceases to exist if the buyer does not follow the technical instructions included in official documents given by Olympia Electronics or if the buyer modifies the goods provided or has any repairs or re-setting done by a third party, unless Olympia Electronics has fully agreed to them in writing. Products that have been damaged can be returned to the premises of our company for repair or replacement, as long as the warranty period is valid.

Olympia Electronics reserves the right to repair or to replace the returned goods and to or not charge the buyer depending on the reason of defection. Olympia Electronics reserves the right to charge or not the buyer the transportation cost.

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