



MB-CR-64

MB-CR-64 is microcontroller-based bidirectional M-BUS Master converting M-Bus signal to Modbus RS-485 RTU and or Modbus TCP.

It can supply power to maximum of 64 m-bus slave devices. MB-CR-64 is used as a bridge in building and industrial networks where it is needed to read m-bus devices (tax meters and/or sensors) in Modbus based SCADA systems. It has output short circuit protection on m-bus side.

It is mounted on standard M36 DIN rail.

TECHNICAL FEATURES

Maximum number of M-BUS slave devices	64
Nominal output voltage (mark)	35.5 VDC \pm 1 V
Power supply voltage	165 – 235 VAC (210 – 270 VDC)
Ambient temperature, operating	-20 – +50°C
Dimensions (H x W x D)	105 x 107 x 74 mm
IP protection class	IP20
RS-485 RTU Modbus interface baud rate	300, 1.2K, 2.4K, 4.8K, 9.6K, 19.2K, 38.4K bps
TCP Modbus DHCP	Yes, can be turned on or off
M-BUS cable length, max.	600 m
Distance between MMCR and farthest M-BUS slave	300 m

DESIGNING, PRODUCING AND DISTRIBUTING SOLUTIONS FOR OVER 25 YEARS

B METERS is an Italian company that has been designing, producing and distributing instruments and solutions for measuring the consumption of water and thermal energy used for heating and cooling, for over 25 years.

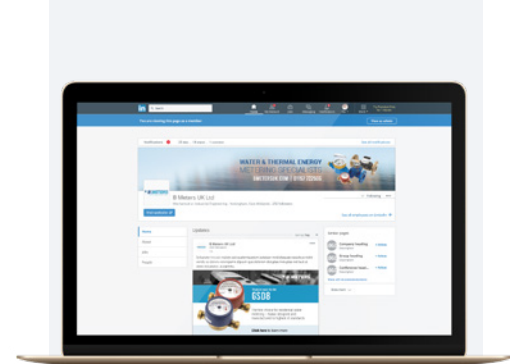
The yearly production currently exceeds 2M units, putting B METERS in a leading position both at national and European level.

The product range includes turbine (velocity) type single and multi-jet water meters with mechanical or magnetic transmission, Woltmann meters, irrigation meters, flow meters, thermal energy meters and heat cost allocators with direct reading, or complete with integrated modules for the remote transmission of the consumption data.



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