



## Overview

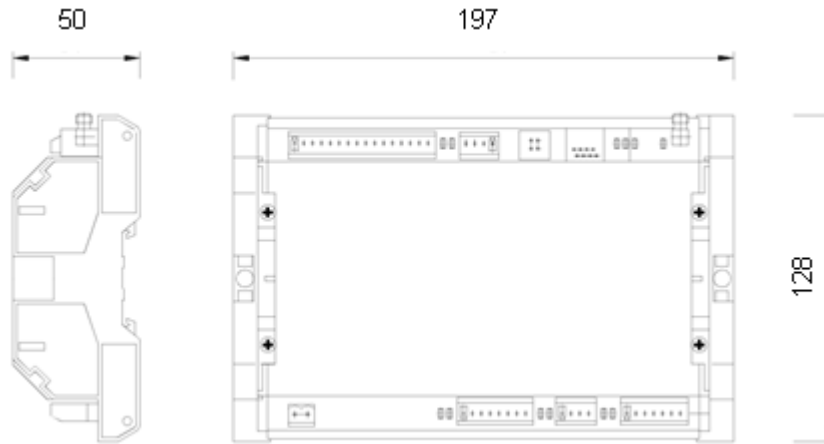
- Pulse counter and datalogger with timestamp of records (RTC, Real Time Clock) – synchronized with NTP servers.
- Ethernet, USB, RS232 and RS485 communication
- Up to 32 digital inputs contact / impulse/alarm.
- Works as extension module (Modbus slave).
- Galvanic isolation between power supply and interfaces.
- Remote configuration and updates through GSM/GPRS port.
- Protocols supported: Modbus RTU, Modbus TCP/IP.

## Characteristics

<p><b>General</b></p> <p>Power supply: 9 – 36Vcc          Overvoltage protection: &gt;1000V (max. 5 sec)          Consumption: 300 mA max</p> <p><b>Specifications</b></p> <p>CPU: ARM7 (55MHz)          Flash: 2 MB, up to 5 years storage.</p> <p><b>Interfaces</b></p> <p>RS232: Up to 15m distance, speed up to 38400 bps          RS485: Up to 1.2 km distance, speed up to 38400 bps          Ethernet: RJ45. Twisted pair Ethernet 10/100 Mb, up to 100m.          USB: Configuration port - Type B, ver. 2.0</p> <p><b>Pulse inputs</b></p> <p>Channels/types: Sink / contact</p> <p><b>Protocols</b></p> <p>Modbus RTU, Modbus TCP/IP</p> <p><b>LED Indication</b></p> <p>Power supply          Read/write of each port          Ethernet connection status          On/Off status of each digital input</p>	<p><b>Working conditions</b></p> <p>Working temperature: -25 .. +60°C          Storage temperature: -40 .. +60°C          Humidity range: 5 – 95%, w/o condensation</p> <p><b>Regulatory approvals</b></p> <p>EN 55022:2000+A1+AC:2002+A2:2003          EN 61000-4-4:2005          EN 55024:2000+A1:2003+A2:2003          EN 61000-4-5:2002+A1:2003          EN 61000-4-2+A1+A2:2002          EN 61000-4-6:2002+A1:2003          EN 61000-4-3+A1:2004</p> <p><b>Physical characteristics</b></p> <p>Dimensions: 197x128x50 mm          Weight: 400 g          Material: PC/ABS          Protection type: IP20</p> <p><b>Mounting</b></p> <p>DIN rail</p> <p><b>Other features</b></p> <p>Made in EU</p>
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Dimensions (mm)



Ordering code

Model	Interface	Interface	Interface	Interface	Digital inputs	RTC
<b>708 . 004 .</b>	<b>A</b>	<b>B .</b>	<b>C .</b>	<b>D .</b>	<b>E .</b>	<b>F</b>

1 – RS485

2 – RS232

1 – Ethernet

2 – USB

8 – 32 pulse inputs

1 – Real time Clock (RTC)

Example: **708.004.1.2.1.2.8.1** RS485 port, RS232 port, Ethernet, USB, 32 pulse inputs and RTC.

The information contained in this datasheet is subject to change without notice. Make sure you are using the latest version.

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