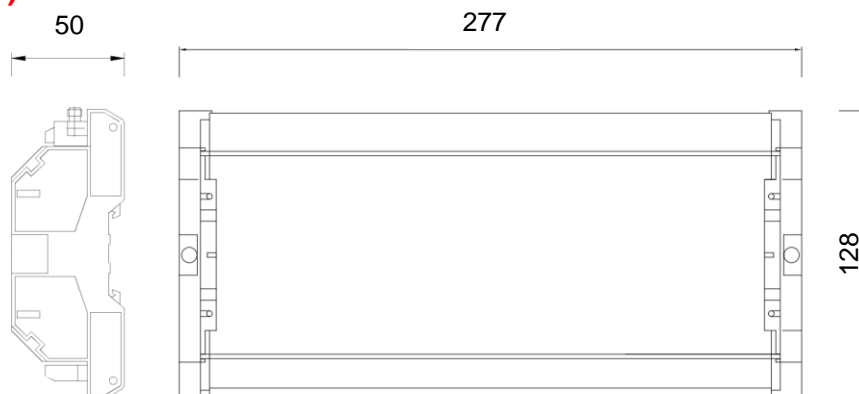


Characteristics

<p>General</p> <p>Power supply: 9 – 36 Vcc Overvoltage protection: >1000V (max. 5 sec) Consumption: <10 VA</p> <p>Specifications</p> <p>CPU: ARM7 (55MHz) GSM/GPRS: 3 bands 900/1800/1900 MHz Flash: 2 MB (Up to 8 MB, under request*) Up to 5 years storage.</p> <p>Interfaces</p> <p>RS232: Up to 15m distance, speed up to 19,2 Kbits/s</p> <p>RS485: Up to 1.2 km de distancia, speed up to 19.2 Kbits/s</p> <p>USB: (configuration) Tipo B, ver. 2.0</p> <p>Ethernet: RJ45 Twisted pair Ethernet 10/100 Mb, up to 100m.</p> <p>Current loop: <30V, 14-20mA, up to 6 km, speed up to 19,2 Kbit/s</p> <p>M-Bus: Up to 8 devices. Self configurable</p> <p>Data/Req: KAMSTRUP Up to 8 devices.</p> <p>Digital inputs. 4/8 contact/impulse inputs</p> <p>Digital outputs 8 contact outputs</p> <p>Analog inputs</p> <p>Input current: 0/4÷20mA, 0÷5mA Overvoltage: 18 V Max current: 0,65 A Accuracy: 0,025 % f.e. Quantify error: ± 2 LSB</p>	<p>Climate conditions</p> <p>Working temperature: -25 .. +60°C Storage temperature: -40 .. +60°C Humidity range: 5 – 95%, w/o condensation</p> <p>Regulatory approvals</p> <table border="0"> <tr> <td>EN 55022:2010</td> <td>EN 61000-4-3:2006/A2:2010</td> </tr> <tr> <td>EN 55024:2010</td> <td>EN 61000-4-3:2006/A1:2008</td> </tr> <tr> <td>EN 61000-4-2:2009</td> <td>EN 61000-4-4:2004/A1:2010</td> </tr> <tr> <td>EN 61000-4-3:2006</td> <td>EN 60950-1:2006/A11:2009</td> </tr> <tr> <td>EN 61000-4-4:2004</td> <td></td> </tr> <tr> <td>EN 61000-4-6:2009</td> <td></td> </tr> <tr> <td>EN 60950-1:2006</td> <td></td> </tr> </table> <p style="text-align: right;">CE</p> <p>External devices power supply</p> <p>3,7/5/6/8/10 Vcc máx. 20mA</p> <p>Protocols</p> <p>Modbus RTU, Modbus TCP/IP, IP, ICMP, UDP, TCP, DHCP, PPP, ARP, IEC60870-5-104:2000</p> <p>LED Indication</p> <p>Power supply Read/write of each port GSM/GPRS connection status Ethernet connection status On/Off indication of each digital input</p> <p>Physical characteristics</p> <p>Dimensions: 277x128x50 mm Weight: 400 g Material: PC/ABS Protection type: IP20</p> <p>Mounting</p> <p>DIN rail</p> <p>Other features</p> <p>Made in EU</p>	EN 55022:2010	EN 61000-4-3:2006/A2:2010	EN 55024:2010	EN 61000-4-3:2006/A1:2008	EN 61000-4-2:2009	EN 61000-4-4:2004/A1:2010	EN 61000-4-3:2006	EN 60950-1:2006/A11:2009	EN 61000-4-4:2004		EN 61000-4-6:2009		EN 60950-1:2006	
EN 55022:2010	EN 61000-4-3:2006/A2:2010														
EN 55024:2010	EN 61000-4-3:2006/A1:2008														
EN 61000-4-2:2009	EN 61000-4-4:2004/A1:2010														
EN 61000-4-3:2006	EN 60950-1:2006/A11:2009														
EN 61000-4-4:2004															
EN 61000-4-6:2009															
EN 60950-1:2006															

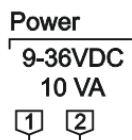
* Check availability

Dimensions (mm)



Connection

All the connection terminal blocks are removable, which facilitate the wiring process.



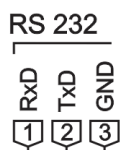
Power supply (w/o polarity)



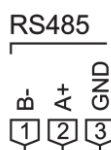
Current loop



M-Bus



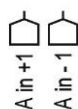
RS232 port



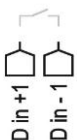
RS485 port



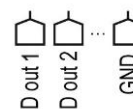
Data/Req



Analog inputs



Digital inputs



Digital outputs

Operation

Configurations and updates are made using the software MPC-Config Tool, through local ports (USB, RS232, RS485) or remote connection through GSM/GPRS modem or Ethernet port (default socket port: 502)

To access advanced features, please contact with **Advanticsys** technical support.

Cautions

- Installation and wiring must be made only by qualified personal.
- Remove power supply before connect or disconnect the input/output terminal blocks.
- Double-check connections and polarities before switch on the power supply to avoid permanent damages.

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

Advantic Sistemas y Servicios S.L

Avda. Europa 14

28108 Alcobendas (Madrid) - SPAIN

www.advanticsys.com

info@advanticsys.com

+34 91 189 05 21