

Product - Press Release

ACCURATE PERFORMANCES AND COMPACT SIZE: CARLO GAVAZZI LAUNCHES WM40-96, THE NEW SMART MODULAR POWER ANALYZER.

An innovative device, easy to programme and suitable for any application.

Lainate, May 2010 – **Carlo Gavazzi Automation** - the international electronics Group with activities in the design, manufacturing and marketing of electronic equipment – , launches **WM40-96**, an innovative Smart Modular Power Analyzer.

The new device developed by Carlo Gavazzi is the ideal solution to measure the electrical variables - such as current, voltage, power, energy and harmonics – in each application where parameters analysis, control, data stamping and retransmission must be very accurate. With its streamlined modular basic unit and plug in modules, WM40-96 can be used in any application. Furthermore, this extremely compact modular power analyser allows consumers to save space in the back side of control doors and switchgears.

“We believe that switchgear panel builders’ requirements – in medium, big and heavy industry – deserve all our care and quality efforts. In order to keep this commitment and face a more and more competitive power analyzer market, we are proud to introduce the WM40-96 with advanced and smart functions”. – states Fabio D’Inca, International Product Manager – “Thanks to this innovative device, Carlo Gavazzi expects to strengthen its position in the power analyzer market and to show its competence and innovation-oriented approach”.

Developed by the Carlo Gavazzi Unit in Belluno, this new smart modular power analyser is provided with an advanced keypad and an innovative display, that includes a single phase coloured bar-graph indication. A front optical communication port is also available, thus enabling quick access to measurements and easy programming.

Main technical features

- kWh Class 0.5
- Accuracy $\pm 0.2\%$ RDG (A-V)
- System and single phase variables: VLL, VLN, A, An, VA, W, var, PF, Hz, Phase-sequence-asymmetry-loss
- Harmonic analysis (FFT) up to the 32nd harmonic
- Real time clock function
- Application adaptable display and programming procedure (Easyprog function)
- Universal power supply
- MODBUS RS485 and RS232 port with integrated memory for data and event stamping purpose
- MODBUS TCP/IP Ethernet port with integrated memory for data and event stamping purpose
- BACnet-IP over Ethernet port with integrated memory for data and event stamping purpose
- Up to 6 digital inputs (gas, water, power synch and complex tariff selections)
- Up to 6 digital outputs (pulse, OR/AND logic alarms, remote control)
- Up to 16 freely configurable virtual alarms
- Up to 4 analogue outputs (+20mA, +10VDC)
- Front dimensions: 96x96 mm
- Front protection degree: IP65

ABOUT CARLO GAVAZZI AUTOMATION

Carlo Gavazzi Automation is an international electronics group with activities in the design, manufacture and marketing of electronic equipment targeted at the global markets of industrial and building automation. Carlo Gavazzi Automation provides customers with technologically innovative, high quality and competitive solutions, in compliance with their requirements and expectations through its 21 National Sales Companies in Europe, North America, Asia & Pacific, operating with its production sites in Denmark, Italy, Malta, Lithuania and China.

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