

Power analyzers and Energy Meters



Type AR1060 WEB-server



- Ethernet/Internet communicator module
- WEB server capability
- Compatible with WM4 and PQT
- IP/TCP/HTTP/TFTP protocols
- Firmware upgradable

How to order

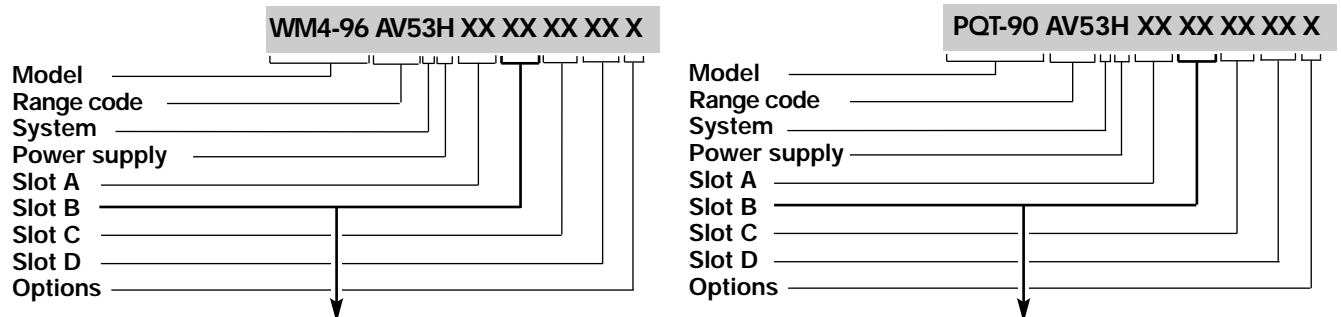
AR1060

Product Description

The "96 series" modular system can be equipped now with a brand new Ethernet/Internet module with WEB server capability. This module can be used in combination to our high-end instruments WM4 96 and PQT 90. AR1060 is used instead of the RS485 communication mod-

ule and improves significantly the already high communication and data logging capability of WM4 and PQT adding the possibility to connect those instruments to a LAN (local area network) or, according to the needs, to the WEB.

How to order WM4-96 or PQT-90 with AR1060



XX: none

E1: with AR1060 WEB server module (the AR1060 module must be mounted only in the slot B of WM4-96 and PQT-90)

Note: to correctly exploit AR1060, the instrument is compulsorily to be equipped with the AR1041 module (option M).

Examples: WM4 96 AV53 H XX E1 R2 O2 M, PQT90 AV53 H B1 E1 R2 O2 M

General Specification

Displayable variables	All the instantaneous single phase and system variables of WM4 and PQT except for the harmonics. All the 8 logged variables are displayed in numeric format or, one at a time, as a graph.	Protocols	format (Excel spreadsheet) IP/TCP/HTTP/TFTP
Downloadable variables	All the 8 logged variables of WM4 and PQT to TXT	WEB page memory	512kbyte
		Connection	RJ45 10 BaseT
		Approvals	CE, cURus, CSA
		Other characteristics	The module firmware can be upgraded by LAN or Point to Point connection

WEB server Specifications

AR1060 WEB server allows the single WM4 and/or PQT to display on every PC connected to the LAN, in a very easy way, the instantaneous variables and energy-water-gas being measured. The totalised energy-gas-water variables are displayed in a numerical table while the instantaneous electrical parameters are available in numerical format as before and as a graph as well. The same data are also available by means of Internet through a local server so to grant a full data protection (firewall).

Up to 8 selectable and logged variables can be downloaded from the instruments also via the web. Those parameters, together with Energy-gas-water totalised consumptions which are available as 12 TXT monthly files, can be furthermore worked out in an Excel spread sheet so to evaluate parameters, consumption trends and related costs. That information will help the users to plan a proper maintenance scheme and to achieve cost reductions where possible.

WEB server Specification (cont.)

Web server home page



Available functions:

- Downloading the web server analysis software
- Setting the web-server parameters

Analysis software

Instantaneous variable page



Displayed information:

- Instantaneous system and single phase electrical variables
- Graphs of the up to 8 logged variables

Available functions:

- Connection/disconnection to/from the web server
- Zoom and cursor capability on the graphs
- Data exporting to Excel compatible text file (logged data)
- Web server rebooting, memory initialising and erasing

Analysis software

Zoom and cursor



Displayed information:

- Variable graph from 1 to 31 days
- Zoom of the graph
- Value and date/hour pointed by the cursor
- Graphical and date/hour indication of any logging interruption

Analysis software

Meters page



Displayed information:

- Actual value of the energy, gas, water, meters
- Bar graph of the energy consumption of the last 12 month

Available functions:

- Resetting the energy, gas, water meters.
- Cursor capability on the histogram
- Data exporting to Excel compatible text file (12-month consumption data)

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