

Markets

- Major electricity consumers
 - Heavy industries, other process industries
 - Agriculture – Chemical
 - Building (Hotel...)
- Electricity producers
- Audit companies & electrical contractors

Applications

- Diagnostic and troubleshooting on electrical networks
- Electrical consumption analysis (EN ISO 50001)
- Voltage quality verification according EN50160

Accessories

- DataVIEW® softwareP01102095
- PA32ER 1000V STD power by phase P01103076
- PA40W-2 power adapterP01102155
- C8 plug adapteurP01103077
- Softcase P01298083
- SD cardP01103078
- Magnetized hookP01103079
- Wrist strap HX0122
- External battery charger support P01102130
- Li-ion batteryP01296047
- C193 clamp..... P01120323B
- MN93 clamp P01120425B
- MN93A clamp..... P01120434B
- E27 clamp..... P01120027
- E3N/E27 clamp adapter P01102081
- PAC93 clamp..... P01120079B
- J93 clamp P01120110
- AmpFlex® A193-450 mm P01120526B
- AmpFlex® A193-800 mm P01120531B
- MiniFlex MA194-250 mm P01120593
- MiniFlex MA194-350 mm P01120592
- MiniFlex MA194-1000 mm P01120594
- 5A current adapter P01101959
- Essailec adapter P01102131
- C7 mains power cable..... P01295174
- Kit of banana leads with crocodile clips x5P01295483
- PAC 93 mains adapter P01101967

Range product

Model	CA8336	CA8345
Main features		
Tactile display	No	Yes
IEC 61000-4-30	Class B	Class S
Channel numbers	4V, 4A	
Acquisition step	1s	200ms
Power	P, N, S, Q ₁ , D	
Cost energy calculation	No	Yes
Harmonics / Interharmonics	Yes / No	Yes / Yes
Main signalling	No	Yes
Alarms	Yes	Yes, and with Email
Transients	78µs	2.5µs
Surges	No	500ns
Inrush	1 / 1min	100 / 30 min
Other features		
USB	Yes	
Wifi, Ethernet, Webserver	No	Yes
Memory	Internal	SD / SD-HC / SD-XC
Network communication	No	Yes
Power by phase	PA31ER	PA32ER
Protection	IP53	IP54
Safety	CAT IV-600V	CAT IV 1000V Isolated inputs

References

PA40W : standard ; PA32ER : 1000V power by phase
CA8345 with PA40W P01 1606 57
CA8345 with PA32ER P01 1606 58
 Power quality analyser (CA8345 without current sensor) The CA8345 are delivered with a multilingual Quick Start guide, a power adapter (depend on model), verification certificate, wrist strap, set of 5 banana cables and crocodile grips, 5 reeling box, USB A/B cable (1.80m), set of colour-coded inserts/rings, magnetized hook, SD card, softcase and safety document

Power quality analyser CA8345

Sale guide

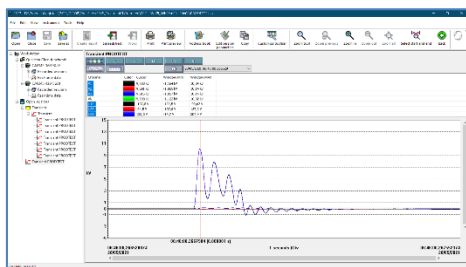


- Power quality analyser
- Meet fully the IEC 61000-4-30 Class A standard
- Easy to use, Qualistar's parentage
- TRMS voltage and current measurements
- Power W, VA and var (N, Q₁ et D) measurements
- PF, DPF, CF and THD measurements
- Highly communicating instrument
- Webserver, Wifi, Ethernet, USB communication
- breakdown of the type of energy losses
- PAT3 software for free on our website, for data transfer, data analysing
 - EN50160 standard voltage quality analysis
 - IEC 61010 CAT IV - 1000V

Analyseur de qualité d'énergie CA 8345

Display and Analysis Software

The PAT3 software offers a practical means of downloading the recorded data from the measurement clamp to your computer. By means of clear, easy to-use dialogue boxes and tabs, you can view, save or export the curves.

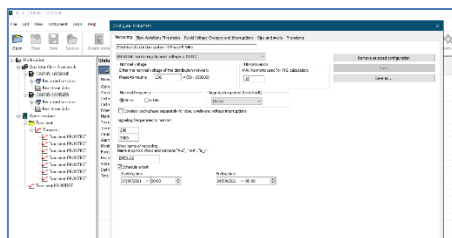


PAT3 software display

The data are then saved on the PC. They can be exported into a spreadsheet or used to produce a report with the DataView® software.

The software can be used to control many instruments in real time if they are hooked up to the site's Ethernet network.

Data can be export in to Excel format.



A software tool for setup the EN50160 is available

Specifications

Modèle	CA8345
Main features	
Display	Couleur graphique tactile
Main frequency	DC, 50 et 60
Voltage	5 - 1000V _{AC/DC}
Sampling	Waveform upto 400kSps
Current range	
MN93	2 to 240 A _{AC}
MN93A	5 mA _{AC} to 5 A _{AC} / 0,1 to 120 A _{AC}
C193	3 A to 1200 A _{AC}
A193/MA194	200 mA to 10 000 A _{AC}
PAC93	10 to 1000 A _{AC} / 10 to 1300A _{DC}
E3N	50 mA to 10 A _{AC/DC}
J93	100 mA to 100 A _{AC/DC}
	50 to 3000 A _{AC} / 50 to 5000A _{DC}
Harmonics	Range 63
Power	P, N, Q ₁ , S, D
Alarms	Up to 20 000
Transients	2.5 µs
Surge	12kV – 500 ns
Inrush	RMS (30 min), Peak (10min)
Other features	
Acquisition step	5 measure / s
Aggregation	from 1 mn to 60 mn
Memory	Carte SD / SD-HC / SDXC
Communication	Ethernet, USB, Wifi, Webserver
Ethernet	Yes
Safety	IEC 61010 CAT IV 1 000 V isolated inputs
Power	120/240 V 50/60 Hz
Life power	Battery Li-ion / 6 h
Size	285 x 200 x 55 mm
Weight	1.9 kg
Protection	IP54

Sales Arguments

- 1000V triphase analyser
- IEC 61000-4-30 Class Ed3, IEC 61000-4-7, IEC 61000-4-15
- Internal GPS clock
- For all electrical networks (singlephase, triphase Star, Delta, ...)
- TFT WVGA 7" colour backlight tactile display
- Easy to use, as all Qualistar family
- All Qualistar current sensor compatible
- Flex low current : 100mA with miniFlex
- Recorder for EN50160
- Current sensors automatically detected
- Main signalling detection
- Wifi wireless communication
- Ethernet communication
- USB communication for local data transfer
- All data on an SD card
- Power by phase (option PA32ER)
- Webserver communication
- SCPI instructions
- Data in JSON format
- Small and easy to install in a cabinet
- Magnetized hook
- IP54 according to IEC 60529
- IEC 61010 CAT IV 1000V
- 3 years warranty
- Eco-conception