QUADRENT

ELECTRICAL ENERGY
and MEASUREMENTS

Data logger- Network analyser

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MADE IN FRANCE

● QUADRENT

Analyze the electrical network

➲ FONCTION

Quadrent is a supervision system and data logger for analyzing electrical networks.
Quadrent allows control of network quality according to IEC N50160 and complies with IEC 61000-4-30 Class A.

➲ USE PRINCIPLE

QUADRENT records physical phenomena on the electric network, such as voltage, current, power, harmonics, inter-harmonics, flicker, symmetrical components and remote control signals.
WINQUAD software allows assisted editing of analysis reports of the measurement campaigns.

➲ TECHNICAL CHARATERISTICS

QUADRENT comes in a durable carrying case. It consists of an analysis and recording unit, available in several
versions: H61, with small or large MADE-Flex Rogowski coil.

Voltage measurement	3 U et 3 V
Current measurements	3 voies par MADE-Flex
Connection	USB
Power supply	done via the measurement inputs
Sampling frequency	Sampling frequency : 10.2 kHz Measurement integration : 200 ms
Acquisition time	Detection of voltage sag and swell: 20 ms running average filter by half period (IEC 61000-4-30) Instantaneous measurements rms and harmonics: average, minimum, maximum, standard deviation on 10 minutes periods (programmable). Histograms : 3 sec measurements are classified in the 24H histograms and 10 min measurements are classified in the 7 days histograms.
Stored data	Data are stored in the memory of the device. All data are recorded simultaneously and continuously once power is on.

WINQUAD SOFTWARE :

WINQUAD is the operating software of the Quadrent equipment range.

WINQUAD includes three modules :
✓ Creating a new campaign
✓ Taking a measurement campaign
✓ Viewing of a campaign