

## **Qualistar C.A 8435** **The all-terrain energy and power analyser for all conditions**

**An IP67 Qualistar for outdoor work?**  
**Suitable for all types of electrical installations?**  
**Calculation of the distorting power?**  
**Inrush over 10 minutes?**  
**Decomposition of the harmonics on the neutral?**  
**All these capabilities requested by users have been included in the Qualistar C.A 8435.**

### **Ergonomics:**



**Entirely IP 67**, the Qualistar C.A 8435 is equipped with specific caps developed to ensure that it is totally watertight. Even the voltage leads and Amp**FLEX™** flexible clamps are watertight (IP 67) for safe outdoor use.  
**Rugged enough for on-site work:** delivered in a site-proof case, this energy analyser is ideal for indoor and outdoor use in industry, production workshops, etc. It is so rugged that it can even withstand projections of solids or liquids.  
**Equipped with 5 voltage inputs and 4 current inputs**, the Qualistars offer even greater expertise than before as they can now handle all existing types of electrical installations, including even the most unusual.

### **Functions:**

The **Inrush measurement function** now covers **up to 10 minutes** and the Flicker measurement now includes both the Pst and Plt values. The new version takes into account all the DC components and the reformulation of the K factor calculation as per the NF EN 50464-3 standard.  
With the "**quick start-up**" function, there is no longer any risk of being caught unawares if you need to start a measurement campaign immediately; this mode records the Min/Max values and assigns names to the campaigns automatically.  
A wide variety of units are available for **energy measurements**: kW, Joule, nuclear toe, non-nuclear toe, BTU, toe, etc.  
The **harmonics measurement function** has undergone a major upgrade and now offers decomposition on the neutral, calculation in %f and %r and calculation of the distorting voltages and currents. The distorting power (VAD), which is linked to the harmonics, ensures that the anti-harmonic filters are correctly sized.

### **Accessories:**

The Qualistars are equipped with a **new lead with an ESSAILEC connector** for testing without interrupting the power-supply circuit on the meters and the protective relays installed in the secondary circuits of current or voltage transformers.

### **Software:**

With **Power Analyser Transfer or DataView®**, the **multi-window, multilingual interface**, the data are presented in the form of graphs, histograms or tables and they can also be transferred into PC spreadsheet software for analysis or report creation.

In addition to the intuitive set-up, online help function and automatic recognition of the sensors connected, the whole product is designed to save time and focus on measurement.

Random faults, incorrect operation, untimely shutdowns?  
No more excuses: check your network!

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