



CAVA 252

Single-phase recorder of voltage, current, flicker and harmonics. RS-232 output,

Code: Q20122. DESCATALOGADO

Description

The **CAVA** series analyzers are measurement equipment that can analyze and record the main supply quality parameters of an electricity network. There are three types with different measurement capacities. The basic performance features are stated next:

- Analysis of 100% of the voltage and current cycles
- Optional measurement of currents between 2 A and 10 000 A with different current sensing clips
- Large storage capacity
- Easy installation and programming
- Programming and extraction of data with a PC
- **PowerVision** software used to analyse measurements.

Application

The CAVA single-phase analyzer has been specially designed for the intake of LV measurements during long periods of time, with the purpose of determining the supply quality existing in the measurement point (voltage, flicker, harmonics, etc). It is the perfect product to analyze the difference in voltage between the start and end of distribution lines. Its easy installation and the user-oriented PowerVision software can be used to analyze any information and apply the quality standards (for ex., UNE-EN-50160) to the measurements taken to determine the degree of quality.



CAVA 252

Single-phase power quality analyzer

Code: Q20122.

Specifications

AC power supply

| | |
|-----------------|------------------|
| Consumption | 3 VA |
| Frequency | 50...60Hz |
| Nominal voltage | 230 Vc.a.(± 15%) |

Mechanical characteristics

| | |
|----------------------------------|--------------------|
| Size (mm) width x height x depth | 60 x 136 x 58 (mm) |
| Weight (kg) | 0,33 |

Environmental characteristics

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|--|--------------|
| Relative humidity (without condensation) | Máx. 85% |
| Working temperature | 0 ... +50 °C |

Standards

| | |
|--|---|
| Certifications | UL, VDE |
| Electrical safety, Installation category | CAT III (IEC 61010) |
| Standards | IEC-60664, VDE 0110, UL 94, EN 60801, EN 50081-1, EN-61010-1 , EN 50082-1, EN 60868 |

Current measurement circuit

| | |
|----------------------|-------------------------------------|
| Transformation ratio | Depending on the type of clamp used |
|----------------------|-------------------------------------|

Measurement accuracy

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|-------------------------------|-------|
| Phase current measurement | 0,5 % |
| Active power measurement (kW) | 1 % |
| Phase voltage measurement | 0,5 % |