

Introducing >

Equipment Hire: Electrical Power

Relay Testing - OMICRON CMC 356

The CMC 356 is the universal solution for testing all generations and types of protection relays. Its powerful six current sources (three-phase mode: up to 64 A / 860 VA per channel) with a great dynamic range, make the unit capable of testing even high-burden electromechanical relays with very high power demands.

Features

- ✔ Powerful current sources for testing even high-burden electromechanical relays
- ✔ High current amplitudes for 5 A relay testing
- ✔ High accuracy and versatility for testing static and numerical relays of all types
- ✔ Integrated network for testing IEC 61850 IEDs
- ✔ 10-channel analogue measurement and transient recording functionality (option)



Relay Testing - OMICRON CMGPS

When performing end-to-end tests of line protection schemes, it is necessary to start several test sets simultaneously. The CMGPS is a GPS-based synchronization unit which is used with CMC test equipment.



Applications

The CMGPS receives signals from the satellites of the Global Positioning System (GPS) and provides an output at a time specified by the user. This clock output is then used as a trigger input to start the CMC test set. The CMGPS has been developed to fulfill the requirements of testing in the field, because off-the-shelf GPS receivers with trigger output have many drawbacks (size, weight, complicated operation, etc.).

Relay Testing - OMICRON Current Clamp C-Probe 1

C-Probe 1 is an active AC and DC current probe with voltage output. It is recommended accessory for measuring currents with the CMC 356 with ELT-1 hardware option or CMC 256plus and EnerLyzer software license.



Technical Data

- ✔ Two measuring ranges: 10 A and 80 A
- ✔ Frequency range: DC to 10 kHz
- ✔ Accuracy: error < 2% for currents up to 40 A and frequencies up to 1 kHz
- ✔ Phase error: < 0.5° at 50/60 Hz
- ✔ Size: 230

Electrical Power

Cable Testing

CB Testing

CT Testing

Ductor Testing

Earth Testing

IR Testing

Line Testing

Phase Rotation Testing

⌚ Relay Testing

TX Testing

VT Testing

Thermal Testing

Power Supplies