



PRESS Release



Type of product: **Electrical installation testers**

Product names: **C.A 6131 & C.A 6133**

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Test the safety of your electrical Installations

As per the NF C 15-100 and IEC 60364-6 standards

A single instrument for testing your installation's compliance simply and effectively



Applications

Designed for checking safety on electrical installations, the C.A 6131 and C.A 6133 testers can be used to test new installations before powering up, check existing installations, whether in operation or not, and troubleshoot malfunctions.

For certification organizations, these portable instruments are simple, effective and, above all, compliant with the applicable standards.

Ergonomic

The C.A 6131 and C.A 6133 are designed to be exceptionally simple to use. All the measurements and functions are accessible directly on the front panel of these compact, lightweight instruments. Their terminal strips include explicit markings to prevent any risk of connection errors. The backlit LCD screen is particularly easy to read. A visual indication of the test result (OK/NOK) is clearly visible on the instrument.

To make them as easy to use as possible, these new testers offer several solutions for hands-free working: a magnetized casing, a neck strap and built-in "feet".

A continuity rod can be used to access remote measurement points such as lighting. A three-pole cable has also been developed for direct measurements on 2P+E sockets. A remote control probe (option) can be used to start and store the results of any remote tests. An external clamp can be connected to the instrument for current measurements.

The C.A 6133 is equipped with extra functions:

- Save time with automatic test sequences such as: AUTO-RCD, LOOP-RCD-INSULATION
- Current measurement with the MN73A clamp is particularly simple: it is recognized on connection, as is the measurement range.
- Organized storage: it is possible to store the measurement results from up to 30 sites with 99 tests each!

The IT-Report ANDROID application can be used to transfer the test results stored in the testers onto a tablet or smartphone via Bluetooth. Test reports are then generated and sent automatically by email or simply stored for processing later on.

Additional specifications

- Voltage measurement: 550 VAC / 800 VDC
 - Continuity at 200 mA,
 - Resistance from 1 to 99.99 kΩ
 - Insulation: 250V and 500V test voltages, measurement up to 999 MΩ
 - Zs (Z L-PE) loop without tripping: 1 to 2,000 Ω, Ik calculation
 - Zs (Z L-PE) high-current loop with tripping and Zi (Z L-N or Z L-L), 0.1 to 400 Ω Ik calculation
 - Type AC & A RCDs: 30mA, 100mA, 300 mA, 500 mA, 650 mA
 - RCD in pulse mode: tripping time
 - RCD in ramp mode (30 mA): tripping current
 - Phase rotation: 45 to 550V; 45 to 65 Hz
 - Dimensions & weight: 211 x 108 x 60 mm, 700 g.
- In addition with the C.A 6133:**
- Frequency measurement: 30 Hz to 999.9 Hz
 - Insulation: additional 1,000 V test voltage
 - 3P earth (stakes): up to 2,000 Ω
 - Automatic RCD test sequence: no-trip – pulse - ramp
 - Automatic test sequence: Loop-RCD-MΩ
 - Storage: 30 sites x 99 tests using the MEM key or optional remote control probe
 - Power supply by rechargeable batteries with built-in charger
 - Recharging possible via the mains, US socket or vehicle cigarette lighter
 - Bluetooth communication
 - Automatic recognition of the optional external MN73A clamp

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