

F65

Leakage clamp multimeter



**For rapid testing of leakage currents
and isolation faults on live installations!**

- Analysis of RCD trigger currents
- Earth leakage currents
- Unbalanced phase currents
- High immunity to currents of adjacent conductors
- Anti-harmonic filter selection for enhanced fault detection on disturbed systems
- 3-year warranty
- Measurements compatible with the VDE 0404-4, VDE 0413-13 and IEC 61557-13 standards

RMS

Measure up



Rapid testing for leakage currents...

Your installation and its users may be endangered through isolation faults and untimely RCD tripping. Such phenomena are often caused by leakage currents that prove difficult to detect.

For testing and maintenance professionals in the industrial and tertiary sectors faced with this challenge, **F65** pocket-sized clamps are the recognized solution, while providing the full range of functions proposed by conventional clamp multimeters.



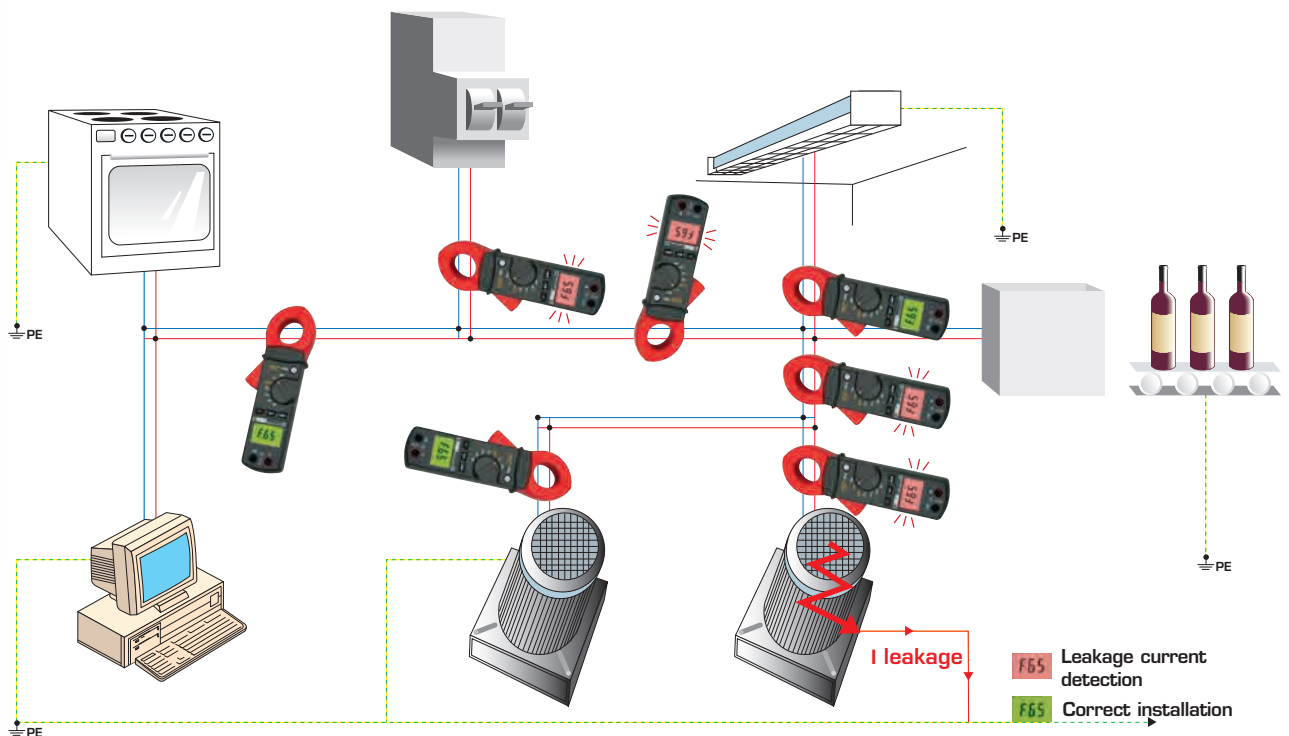
The compact size facilitates access to the narrowest switchboards!

DETECTION OF LEAKAGE CURRENTS AND ISOLATION FAULTS

Offering exceptional resolution of $10\ \mu\text{A}$ and high immunity (70 dB) to eddy currents, the **F65** clamp is specially suited to the measurement of leakage currents that trigger RCDs, causing imbalances between phase-phase and phase-earth currents.

The harmonic filter facilitates the detection of faults on disturbed systems and power circuits (switched power supplies, variable speed drives, inverters, etc.).

Isolation fault detection on live installations

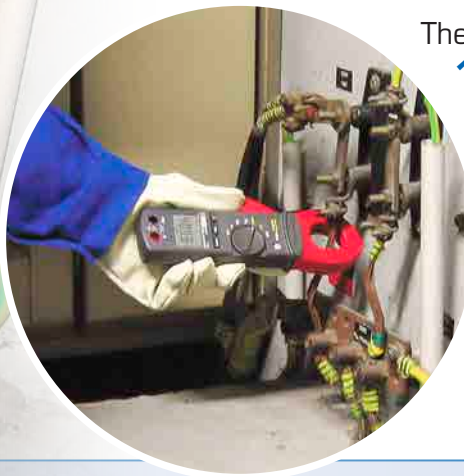


and detection of isolation faults on live installations!

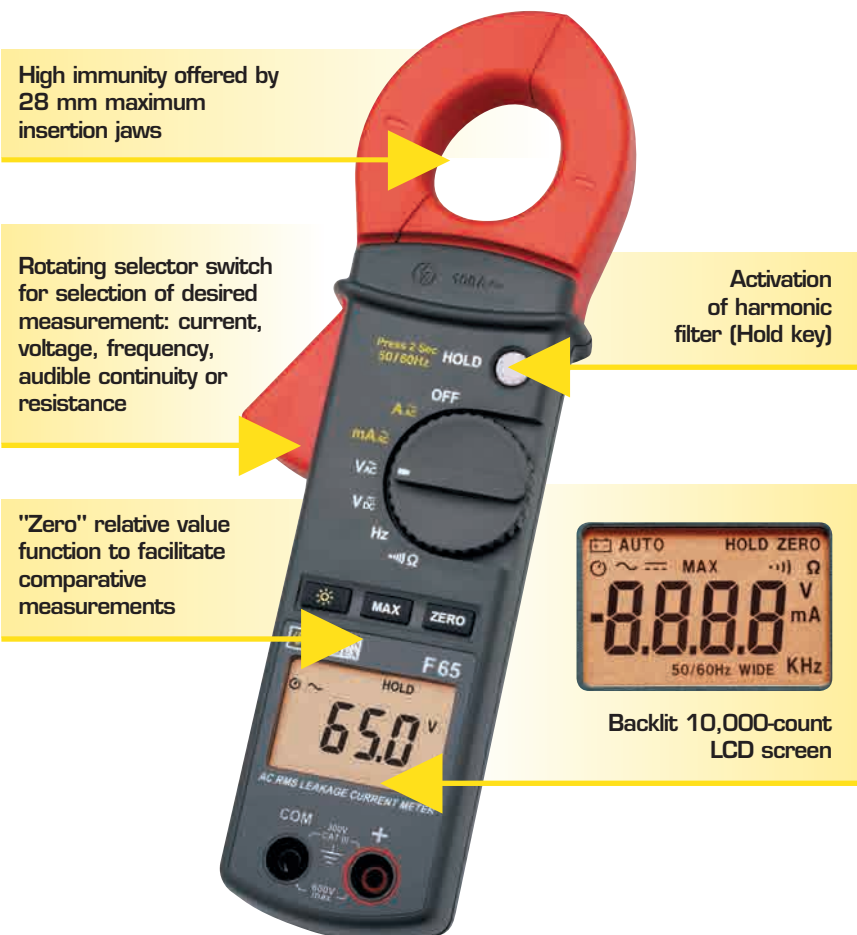


ALL-PURPOSE CLAMP MULTIMETERS

F65 pocket-sized clamps provide the full range of functions proposed by conventional clamp-on multimeters: current up to 100 A, AC/DC voltage, frequency, resistance and audible continuity.



They are equipped with a **backlit 10,000-count LCD screen**, with display memory and **maximum value and differential measurement functions** (Delta). To optimize the battery life, they come equipped with an **automatic power-off function**, in the event of prolonged periods without use.



Other Chauvin Arnoux products for use in association with the F65 clamp

Clamp jaws open to 115 mm!

The **B102 clamp**, associated with a multimeter, is the ideal accessory for use with F65 clamps to test installation feeders on large-diameter conductors.



Complete verification of the safety of your electrical installations

In domestic, tertiary or industrial environments (TT, TN or IT systems), the **C.A 6116N electrical installation tester** offers a wide range of measurements for checking and certifying electrical installations' safety and compliance with the standards.



| | | | | F65 | | |
|-------------------------------------|---------------|-----------------|----------------|-------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------|
| RMS measurement | | | | ● | | |
| Function | | Calibre | Resolution | Accuracy | | Protection against overloads |
| | | | | <i>with filter 50-60 Hz</i> | | |
| AC current | mA AC | 60 mA | 10 µA | 1.2 % ± 5 cts | 2.5 % ± 5 cts (50-500 Hz) 3.5 % ± 10 cts (500 Hz-3 kHz) | |
| | | 600 mA | 100 µA | | | |
| | A AC | 10 A | 1 mA | 1.2 % ± 5 cts | 2.5 % ± 5 cts (50-500 Hz) 3.5 % ± 10 cts (500 Hz-3 kHz) | |
| | | 80 A | 10 mA | | | |
| | | 100 A | | | 5 % ± 5 cts (50-60 Hz) | 150 Arms |
| Voltage | V AC | 600 V | 0.1 V | 1 % ± 5 cts (50-60 Hz) 1.2 % ± 5 cts (50-500 Hz) 2.5 % ± 5 cts (500 Hz-3 kHz) | | 660 Vrms |
| | V DC | 600 V | 0.1 V | 1 % ± 2 cts | | |
| Resistance | Ω | 1 kΩ | 0.1 Ω | 1 % ± 3 cts (Vmax measurement 3.3 V DC) | | 600 Vrms |
| Audible continuity | Buzzer < 35 Ω | | | | | |
| Frequency | A Hz | 100 Hz 1 kHz | 0.1 Hz 1 Hz | 0.5 % ± 2 cts (I > 10 mA) | | |
| | V Hz | 100 Hz 1 kHz | 0.1 Hz 1 Hz | 0.5 % ± 2 cts (V > 5 V) | | |
| Display | | | | 10,000 counts - 2 measurements / s | | |
| Backlit LCD | | | | ● | | |
| MAX. value | | | | 100 ms | | |
| Relative measurement (Δ0) | | | | ● | | |
| Automatic switch-off/ HOLD function | | | | ● | | |
| Large clamping diameter | | | | 28 mm | | |
| Dimensions | | | | 218 x 64 x 30 mm | | |
| Weight | | | | 280 g (with batteries) | | |
| Standards | | | | IEC 61010-1 / IEC 61010-2-032 / IEC 61010-2-033 | | |
| Installation category | | | | CAT III 300 V | | |
| Protection rating of casing | | | | IP 30 as per NF EN 60529 | | |

● To order

Leakage clamp multimeter

F65..... PO1120761

Delivered with a set of elbowed male banana/
straight male banana leads, 1 set
of test probes, 2 x 1.5 V AAA/
LR3 batteries, 1 bag and
1 operating manual in
5 languages.



Accessories and replacement parts

Multiple accessories
and measurement
leads available.

Please see the guide

www.chauvin-arnoux.com

