

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

**Leakage  
multimeter  
clamps**



- 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
- Compliance with standard VDE 0404

# Rapid testing for leakage currents and detection of isolation faults

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, F62-F65 pocket-sized clamps are the recognised solution, while providing the full range of functions proposed by conventional multimeter clamps.



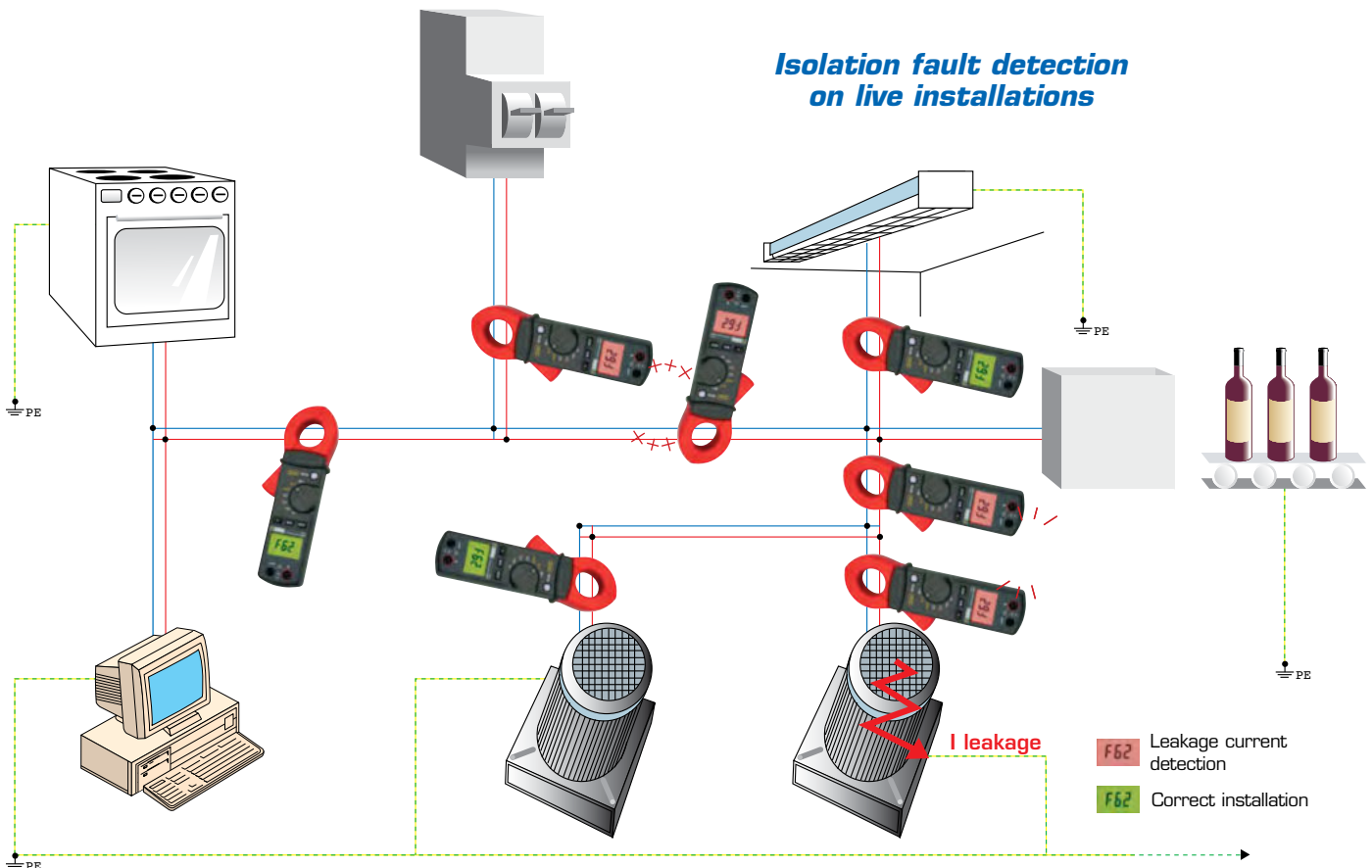
The compact size facilitates access to the narrowest spreadsheets!

## Detection of leakage currents and isolation faults

Offering exceptional resolution of 10  $\mu\text{A}$  and high immunity (70 dB) to eddy currents, **F62/F65** clamps are 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





# ents s on live installations!



## All-purpose multimeter clamps

**F62** and **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 optimise the battery life, they come equipped with an **automatic power-off function**, in the event of prolonged periods without use.

High immunity offered by 28 mm maximum insertion jaws

Rotating selector switch for selection of desired measurement: current, voltage, frequency, audible continuity or resistance

"Zero" relative value function to facilitate comparative measurements

Activation of harmonic filter (Hold key)

Backlit 10,000-count LCD screen

## Other Chauvin Arnoux products for use in association with F62/F65 clamps

### Clamp jaws open to 115 mm!

The B102 clamp, associated with a multimeter, is the ideal accessory for use with F62/F65 clamps for the testing of 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 6116 electrical installation tester offers a wide range of measurements for checking and certifying electrical installations' safety and compliance with the standards.



## SPECIFICATIONS

				F62	F65			
RMS measurement								•
Function	Calibre	Resolution	Accuracy				Protection against overloads	
			with 50-60 Hz filter		with 50-60 Hz filter			
AC current	mA AC	60 mA	10 µA	1.2 % ± 5 cts	2.5 % ± 5 cts	1.2 % ± 5 cts	150 Arms	
		600 mA	100 µA					2.5 % ± 5 cts (50-500 Hz) 3.5 % ± 10 cts (500-3 kHz)
	A AC	10 A	1 mA	1.2 % ± 5 cts	2.5 % ± 5 cts	1.2 % ± 5 cts		
		80 A	10 mA					2.5 % ± 5 cts (50-500 Hz) 3.5 % ± 10 cts (500-3 kHz)
100 A	5 % ± 5 cts	5 % ± 5 cts (50-60 Hz)		5 % ± 5 cts	5 % ± 5 cts (50-60 Hz)			
Voltage	V AC	600 V	0.1 V	1 % ± 5 cts (50-60 Hz) 1.2 % ± 5 cts (50-500 Hz)		1 % ± 5 cts (50-60 Hz) 1.2 % ± 5 cts (50-500 Hz) 2.5 % ± 5 cts (500-3 kHz)		660 Vrms
	V DC	600 V	0.1 V	1 % ± 2 cts				
Resistance	Ω	1 kΩ	0.1 Ω	1 % ± 3 cts (V <sub>max</sub> 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 / IEC 61010-2-032				
Installation category				CAT III 600 V				
Protection rating of casing				IP 30 as per NF EN 60529				

## TO ORDER

### Leakage multimeter clamps

- F62 PO1120760
- 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](http://www.chauvin-arnoux.com)

