

F62 - F65 Leakage multimeter clamps

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 Compliance with standard VDE 0404



MAX ZERO

65

MAX

520

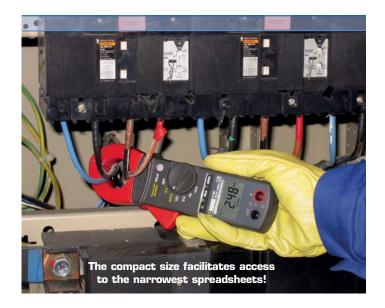
RMS



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

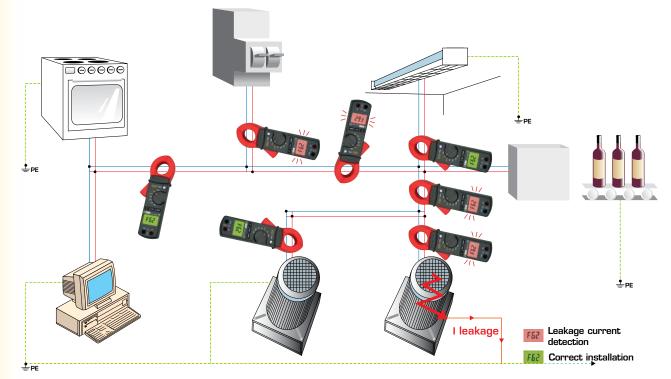


DETECTION OF LEAKAGE CURRENTS AND ISOLATION FAULTS

Offering exceptional resolution of 10 μ 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.).





and detection of isolation faults 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.

Other Chauvin Arnoux

products for use in association

Clamp jaws open to 115 mm!

with F62/F65 clamps

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 6116N electrical installation tester** offers a wide range of measurements for checking and certifying electrical installations' safety and compliance with the standards.



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



HOLD

OF

Activation

of harmonic

filter (Hold key)

Backlit 10,000-count LCD screen

F62 - F65 SPECIFICATIONS

				F62		F 65		
RMS measurement						•		
Function		Calibre	Resolution	Accuracy			Protection against overloads	
				with filtre 50-60 Hz		with filtre 50-60 Hz		
AC current	mA AC	60 mA 600 mA	10 μΑ 100 μΑ	1.2 % ± 5 cts	2.5 % ± 5 cts	1.2 % ± 5 cts	2.5 % ± 5 cts (50-500 Hz) 3.5 % ±10 cts (500 Hz-3 kHz)	150 Arms
	A AC	10 A	1 mA	1.2 % ± 5 cts	2.5 % + 5 cts	1.2 % ± 5 cts	2.5 % ± 5 cts (50-500 Hz)	
		80 A	10 mA		$5\% \pm 5$ cts		3.5 % ±10 cts (500 Hz-3 kHz) 5 % ± 5 cts	
		100 A	TO TIA	5 % ± 5 cts	5 % ± 5 cts (50-60 Hz)	5 % ± 5 cts	(50-60 Hz)	
Voltage	V AC	600 V	0.1 V	$ \begin{array}{c} 1 \ \% \ \pm \ 5 \ cts \ (50{\text{-}}60 \ \text{Hz}) \\ 1.2 \ \% \ \pm \ 5 \ cts \ (50{\text{-}}500 \ \text{Hz}) \\ 2.5 \ \% \ \pm \ 5 \ cts \ (500 \ \text{Hz}) \\ 2.5 \ \% \ \pm \ 5 \ cts \ (500 \ \text{Hz}) \\ \end{array} $		660 Vrms		
	V DC	600 V	0.1 V	1 % ± 2 cts				
Resistance Audible continuity	Ω	1 kΩ	0.1 Ω	1 % ± 3 cts				600 Vrms
		Buzzer < 35 Ω		(Vmax measurement 3.3 V DC)				CCC VIIIIS
Frequency	A Hz	100 Hz 1 kHz	0.1 Hz 1 Hz	$0.5 \% \pm 2 \text{ cts} (l > 10 \text{ mA})$				
	V Hz	100 Hz 1 kHz	0.1 Hz 1 Hz	$0.5 \% \pm 2 \text{ cts} (V > 5 \text{ V})$				
Display				10,000 counts - 2 measurements / s				
Backlit LCD				• •				
MAX. value				100 ms				
Relative measurement (🗅 0)					•		•	
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 multimeter clamps

F62..... P01120760 F65..... P01120761

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.

<u>Please see the guide</u> www.chauvin-arnoux.com



FRANCE

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