



# Datasheet



0370 330 6021  
[www.sunbeltrentals.co.uk](http://www.sunbeltrentals.co.uk)

**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
- Compliancy with standard VDE 0404

# Rapid testing for leakage currents and detection of isolation faults on live installations!

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

For professionals of testing and maintenance 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

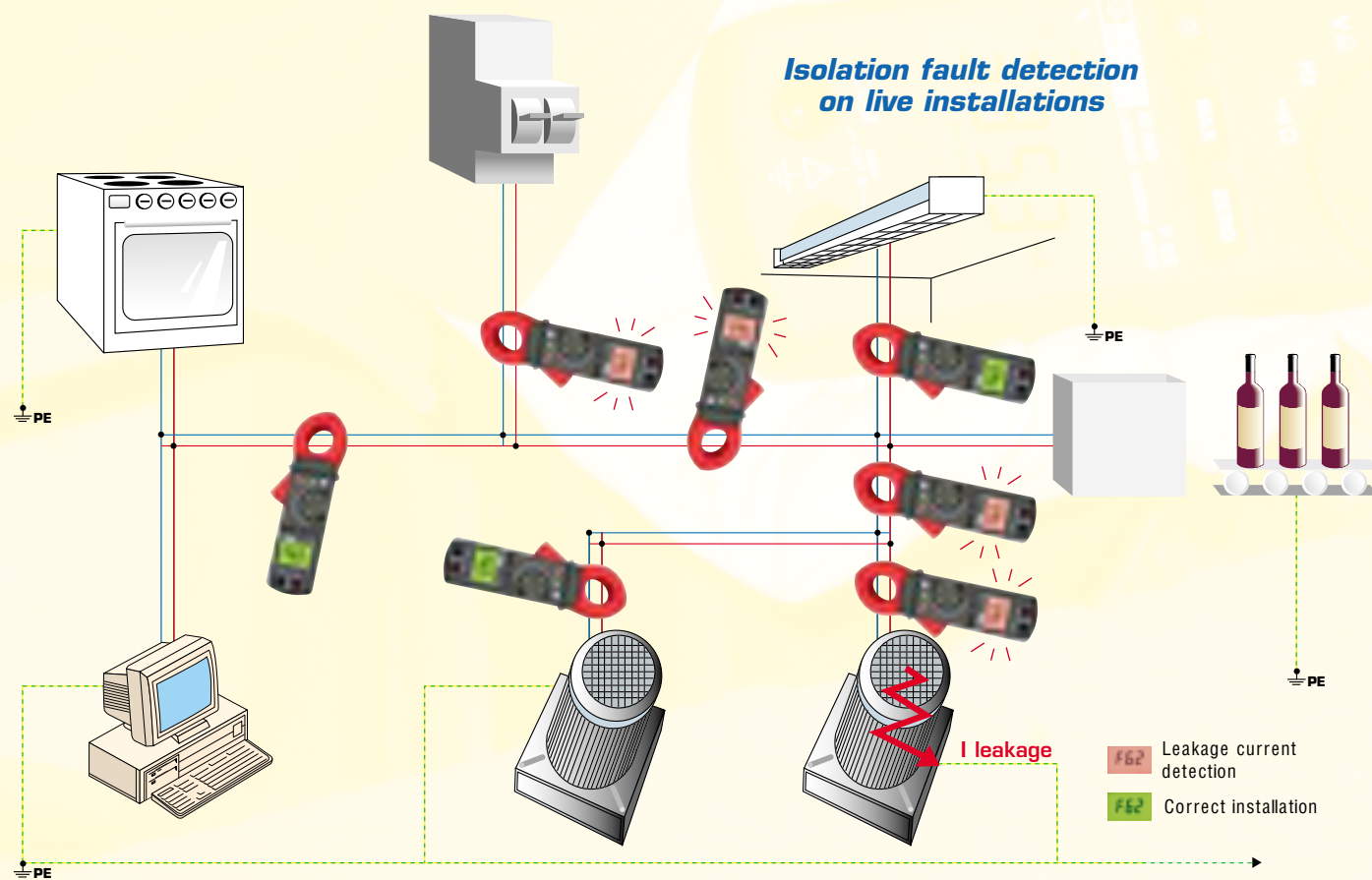
Offering exceptional resolution of 10  $\mu$ A and high immunity (70 dB) to parasite currents, F62/F65 clamps are specially suited to the measurement of leakage currents that trigger RCDs, causing imbalances between phase-phase and phase-earth currents. The anti-harmonics filter facilitates the detection of faults on disturbed systems (switched power supply, speed variators, inverters, etc.)



## All-purpose multimeter clamps

F62 and F65 pocket-sized clamps provide the full range of functions proposed by conventional clamp-on multimeters: intensity up to 100 A, AC/DC voltage, frequency, resistance and sound continuity.

They are equipped with a **backlit 10 000 points LCD screen**, with display memory and **maximum value and differential measurement functions** (Delta). For optimum autonomy, they come equipped with an **automatic switch-off function**, in the case 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, sound continuity or resistance

"Zero" relative value function to facilitate comparative measurements

Activation of anti-harmonics filter (Hold key)



Backlit 10 000 counts LCD screen



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

### Clamp jaws open to 112 mm!

The B102 clamp, associated with a multimeter, is the ideal accessory for use with F62/F65 clamps for the testing of installation start-ups on wide diameter conductors.

### Complete verification of the safety of your electrical installations.

Whether in domestic, tertiary or industrial environments (earth-earth, earth-neutral or live-earth), the C.A. 6115N electrical installation tester provides over 14 different measurements, for both testing your electrical installations and certifying their compliance with safety standards in force.



# SPECIFICATIONS

				F62	F65		
RMS measurement						•	
Function	Calibre	Resolution	Accuracy				Protection against overloads
			<i>with 50-60 Hz filter</i>		<i>with 50-60 Hz filter</i>		
AC current	mA AC	60 mA	10 µA	1.2% ± 5 cts	2.5% ± 5 cts	1.2% ± 5 cts	2.5% ± 5 cts (50-500 Hz) 3.5% ± 10 cts (500-3 kHz)
		600 mA	100 µA				
	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) 3.5% ± 10 cts (500-3 kHz)
80 A		10 mA					
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% ± 5 cts (50-60 Hz) 1.2% ± 5 cts (50-500 Hz)		1.5% ± 5 cts (50-60 Hz) 1.2% ± 5 cts (50-500 Hz) 2.5% ± 5 cts (500-3 kHz)	
	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)			
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			•		•		
Wide insertion diameter	28 mm						
Dimensions	218 x 64 x 30 mm						
Weight	280 g (with batteries)						
Standards	CEI 61010 - 1 / CEI 61010-2 / CEI 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 P01.1207.60
- F65 P01.1207.61

Supplied with:

- 1 set of 4 mm diameter elbowed leads in red/black with 4 mm diameter contact points
- 1 set of 2 x 1.5 V batteries (AAA or LR3)
- 1 carrying case



## ACCESSORIES AND REPLACEMENT PARTS

- Set of 2 silicon red/black leads with 4 mm diameter contact point P01.2950.84
- Set of 2 crocodile clamps P01.1018.48
- Carrying case with belt clip for multimeter clamp P01.2980.65Z
- Accessories kit P01.1019.98



**FRANCE**  
Chauvin Arnoux  
190, rue Championnet  
75876 PARIS Cedex 18  
Tél: (33) 1 44 85 44 86  
Fax: (33) 1 46 27 95 59  
export@chauvin-arnoux.fr  
www.chauvin-arnoux.fr

**UNITED KINGDOM**  
Chauvin Arnoux Ltd  
Waldeck House - Waldeck Road  
MAIDENHEAD SL6 8BR  
8810 HORGEN  
Tel: +44 1628 788 888  
Fax: +44 1628 628 099  
info@chauvin-arnoux.co.uk  
www.chauvin-arnoux.co.uk

**LEBANON**  
Chauvin Arnoux Middle East  
P.O. BOX 60-154  
1241 2020 JAL EL DIB (BEIRUT)  
Tel: +961 1 890 425  
Fax: +961 1 890 424  
camie@chauvin-arnoux.com  
www.chauvin-arnoux.com

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## LOCATIONS

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242-252 London Road, Staines, London TW18 4JQ

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[www.sunbeltrentals.co.uk/find-a-depot/london-heathrow](http://www.sunbeltrentals.co.uk/find-a-depot/london-heathrow)

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### STOKESLEY

#### Sunbelt Rentals UK Test & Monitoring

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