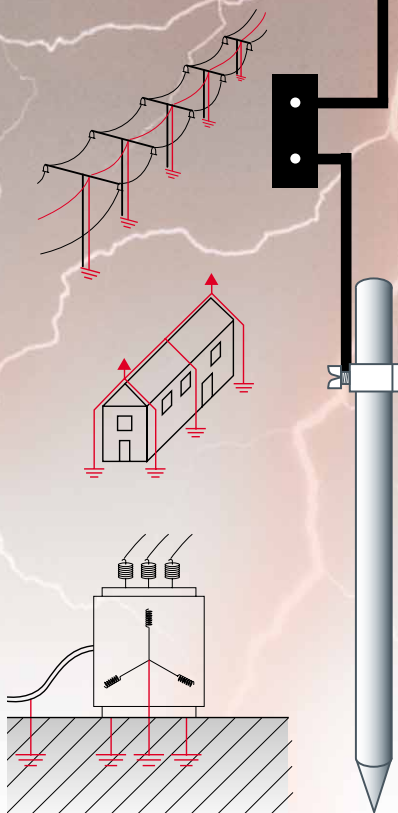


Quick checking of earth loops

**C.A 6410
C.A 6412
C.A 6415**

**EARTH
CLAMPS**



Ω mA

An active element in electrical protection, the earthing is usually made up of several links to the equipotential surface (surface of the earth), thus forming multiple loops. To complement the traditional continuity and earth measurements, clamp-on earth resistance testers offer the advantage of quick earth testing in total safety (the electrical installation remains

connected to earth, even during the test). Clamps C.A 6412 and C.A 6415 can also be used to measure the leakage currents flowing to the ground. To further optimize your testing operations, the C.A 6415 model also has an alarm function (buzzer if threshold is exceeded) and a measurement logging function.



	Range ⁽¹⁾	Resolution	Accuracy ⁽²⁾
Resistance measurement	0.10 to 1.00 Ω	0.01 Ω	± (2 % + 0.02 Ω)
	1.0 to 50.0 Ω	0.1 Ω	± (1.5 % + 0.1 Ω)
	50.0 to 100.0 Ω	0.5 Ω	± (2.0 % + 0.5 Ω)
	100 to 200 Ω	1 Ω	± (3.0 % + 1 Ω)
	200 to 400 Ω	5 Ω	± (6.0 % + 5 Ω)
	400 to 600 Ω 600 to 1200 Ω	10 Ω 50 Ω	± (10 % + 10 Ω) -
RMS current measurement (3)	1 to 300 mA	1 mA	± (2.5 % + 2 mA)
	0.300 A to 3.000 A	1 mA	± (2.5 % + 2 mA)
	3.00 A to 30.00 A	10 mA	± (2.5 % + 20 mA)

⁽¹⁾ Automatic range change
⁽²⁾ In the reference conditions
⁽³⁾ Additional function available on models C.A 6412 and C.A 6415

General specifications

- Clamping diameter: 32 mm
- Temperature of use: -10 °C to +55 °C
- Storage temperature: -30 °C to +70 °C
- Relative humidity: 0 % to 75 % RH
- IP 30 as per EN 60529
- Dimensions : 235 x 100 x 55 mm
- Model C.A 6415:
Alarm threshold adjustable from 1 Ω to 199 Ω
Memory capacity: 99 measurements.

Electrical specifications

- Complies with EN 61010-2-032
- Dual insulation, class 2
- 150 V, cat. III, pollution level 2
- Max. overcurrent: 100 A AC constant
- Measurement frequency: 2400 Hz
- Charge life: with 9 V alkaline battery (Cd/Ni battery accepted):
1500 thirty-second measurements



To order

- C.A 6410 P01.1220.11
- C.A 6412 P01.1220.12
- C.A 6415 P01.1220.13

Each clamp-on earth resistance tester is delivered in a carrying case with one 9 V battery and a user's manual.



- Calibration loop
CL1 P01.1223.01

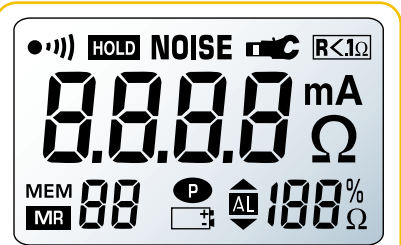
Your distributor

Available from:
 BSRIA Instrument Solutions
 Tel N. 01344 459314
 www.bis.fm

FRANCE
 Chauvin Arnoux
 190, rue Championnet
 75876 PARIS Cedex 18
 Tel: +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
 Tel: +44 1628 788 888
 Fax: +44 1628 628 099
 info@chauvin-arnoux.co.uk
 www.chauvin-arnoux.co.uk

MIDDLE EAST
 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



Models C.A 6410, 6412 and 6415

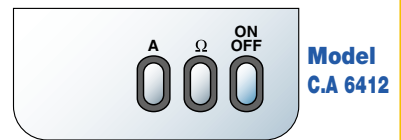
- Ω Resistance measurement
- R<1Ω Resistance under 0.1 Ω
- 100% Remaining battery charge life
- Battery indicator
- P Automatic shutdown inhibited
- HOLD Holding of display
- Buzzers active
- NOISE Significant eddy currents
- Jaws not closed properly

Models C.A 6412 and 6415

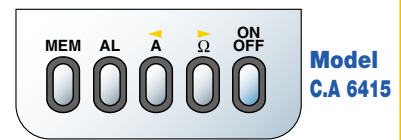
- mA Current measurement
- 188 Alarm function
- MEM Recording in memory
- MR Reading memory



- ON/OFF Start Ω / stop + autotest



- ON/OFF Start / stop + autotest
- Ω Resistance measurement
- A Current measurement



- ON/OFF Start / stop + autotest
- Ω Resistance measurement
- A Current measurement
- MEM Recording of measurement
- AL Alarm activation and adjustment