

A simple way of bringing
industrial and domestic
installations up to standard

INSULATION 500 AND 1000V
CONTINUITY 200 mA

C.A 6511
C.A 6513
MEGOHMMETER



UL/CSA, VDE/GS approvals

 **CHAUVIN
ARNOUX**

Conformity : Guaranteed safety

To guarantee personal safety, legislators have developed precise standards for the testing electric installations. The C.A 6511 and C.A 6513 satisfy the most demanding French and European standards with regard to insulation and continuity testing (NF C 15-100, IEC 364, VDE 0413, BS 7671, etc...).

These megohmmeters are thus perfectly suited to bringing your electrical installations into conformity. The model C.A 6511 is specifically designed for the service and domestic sectors. The C.A 6513, with its 1000V and its resistance measurement function (moteur induced,...) range, in addition satisfies industrial needs.

Checking the insulation of the windings of an electric motor

The C.A 6511 and C.A 6513 are economical insulation and continuity testers. They are manufactured in a spirit of simplicity and efficiency : automatic verification of absence of voltage by direct measurement, single input on two colour marked terminals, easy to read display, logarithmic scale which makes it easy to read insulation values, automatic battery test guaranteeing a current sufficient to validate the measurements and, automatic system for discharging the tested circuit . Small in size and low weight, these instruments come in a non-slip shockproof case, which gives optimum handling and resistance to wear.

With C.A 6511 electricians, installers, after sales services can take measurements on electrical instruments (tools, household appliances,...), installations (electricity distribution panels, cable runs,...).

With the C.A 6513 maintenance services and testing organisations will verify industrial machines (electric motors) both before delivery and for maintenances purposes.

Insulation tests and continuity test of earth connections in an electrical enclosure



Specifications		C.A 6511	C.A 6513	
INSULATION	Range	0,1...1000 MΩ	0,1...1000 MΩ	
	Test voltage	500 V	500 V	1000 V
	Test current	≥ 1 mA for R ≤ 0,5 MΩ	≥ 1 mA for R ≤ 0,5 MΩ	≥ 1 mA for R ≤ 1 MΩ
	Short circuit current	≤ 6 mA	≤ 6 mA	≤ 6 mA
	Accuracy	± 5% of the measurement	± 5% of the measurement	± 5% of the measurement
	Discharge time	1 s/μF	1 s/μF	1 s/μF
CONTINUITY	Range	-10 Ω and +10 Ω	-10 Ω and +10 Ω	
	Short circuit current	≥ 200 mA	≥ 200 mA	
	Empty voltage	4,5...6,5 V	4,5...6,5 V	
	Accuracy	± 3% full scale	± 3% full scale	
RESISTANCE	Range	-	0...1000 Ω	
	Short circuit current	-	≥ 2 mA	
	Empty voltage	-	4,5...6,5 V	
	Accuracy	-	± 3% full scale	
VOLTAGE	Range	0...600 VAC	0...600 VAC	
	Input impedance	300 kΩ	300 kΩ	
	Accuracy	± 3% full scale	± 3% full scale	

Insulation 500 and 1000V (I > 1 mA)
Continuity 200 mA with polarity reversal
Measurement of resistance and voltage
Improved safety: double insulation (Cat. III, pollution degree 2, IEC 1010-1)
Acceptable overload (15s) 1000 V RMS.
Power supply: 4 alkaline batteries 1,5 V (R6)

HBC fuse protection
Watertightness: IP 40DH according NF C 60-529
Service life: approximately 1000 insulation measurements
Climatic conditions: -10...50°C RH ≤ 80%
Dimensions and weight:
167 x 106 x 55 mm - 600 g

To order	Reference
C.A 6511	P01.1402.01
C.A 6513	P01.1403.01
Each megohmmeter is supplied in its shockproof case with 1 set of red and black leads (1.50 m long), 1 black test probe, 1 red crocodile clip, 1 spare fuse and User manual.	
Spares:	
Shockproof case n°13	P01.2980.16
Set of red and black leads 1.50 m	P01.2950.88
Set of red and black croco clips	P01.1018.48
Set of red and black test probes	P01.1018.55
HBC fuse 6.3 32mm 1.6A 660 V	P01.2970.22

Your Distributor

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