

VOLTCRAFT® - TOP PERFORMANCE IN EVERY WAY

For more than 40 years, our product range has been dynamically adapting to the constant changes in the industry. We commit to offering first-class quality to our customers while delivering an excellent cost-performance ratio. This philosophy remains the cornerstone of Voltcraft's success.

VC-523 CLAMP METER AC/DC & MEASURING ADAPTER



Item no: 2435657

The product is a measuring adapter with clamp meter set. The clamp meter supports 8 measurement functions such as: current, voltage, resistance, temperature, capacitance, frequency, continuity, and diode testing. The line splitter measuring adaptor can increase the current reading by up to 10x.

FEATURES

Clamp meter:

CAT III 600 V AC/DC // 4000 counts // True RMS // Built-in work lamp

Measuring adaptor:

CAT III 300 V // Power supply: Max. 250 V/AC, 50/60 Hz //

Load current: Max. 16 A // Safety: IEC/EN61010-1 // Pollution degree: 2 // IP40

TECHNICAL DATA

Clamp meter

Display	4000 Counts (digits)
Sample rate	Approx. 3 readings/second
Measurement method	V/AC, A/AC True RMS (real effective value measurement)
Test lead length	Approx. 90 cm
Measuring impedance	10 M Ω (V range)
Clamp opening (current)	Max. 32 mm
Measurement socket spacing	19 mm
Automatic power-off	After 15 minutes (can be disabled)
Power supply	3x 1.5 V AAA batteries
Current consumption	Nominal approx. 30 mA, max. 70 mA (continuity test/LED light) Standby (automatic power-off) Approx. 5 μ A



Operating conditions	+5 to +31 °C (<80% RH) >+31 to +40 °C (80% RH declining in a linear fashion to <50% RH)
Operating altitude	Max. 2000 m
Storage conditions	-20 °C to +60 °C, max. 80% RH
Weight	Approx. 270 g
Dimensions (L x W x H)	209 x 70 x 35 mm
Measuring category	CAT III 600 V
Pollution degree	2

Measuring adaptor

Nominal voltage	max. 250 V/AC, 50/60 Hz
Nominal current	max. 16 A
Protection type	IP40
Operating temperature	0 to +40 °C
Operating humidity	max. 80 % up to 31°C decreasing linearly to 50 % at 40°C
Storage temperature	-20 to +60 °C
Storage humidity	<80 % RH (non-condensing)
Altitude	max. 2100 m
Overvoltage category	CAT III 300 V
Dimensions (L x W x H)	162 x 68.5 x 58 mm
Weight	approx. 206 g

EQUIPMENT

Meets EN61010-1, EN610102-032 and EN61010-2-033 safety regulations

CONTENTS

Measuring adaptor // Clamp meter // 2x CAT III safety test leads //
Type-K temperature sensor (-20 to +250 °C) // Type-K measuring adapter // 3x 1.5 V AAA batteries //
Safety information // Operating instructions

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