



VOLT CRAFT®

VOLT CRAFT® - TOP PERFORMANCE IN EVERY WAY

“For more than 25 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-37 BIPOLAR VOLTAGE TESTER

N° 2384631

The bipolar voltage tester is a portable testing device for determining and indicating the voltage state of low-voltage electrical circuits. It is used to display DC and AC voltages in the range of 12 to 400 V, as well as polarity by bipolar application. The voltage ranges are displayed in 7 levels. Indicators for the valid limits for dangerous touch voltage of 50 V/AC or 120 V/DC are provided.

The voltage tester complies with the standard for two-pole voltage testers (IEC/EN 61243-3/DIN VDE 0682-401) as well as with the IP64 degree of protection (dust and splash protection) and is intended for use in dry or damp indoor and outdoor environments. The voltage tester is designed for use by qualified electricians in conjunction with personal protective equipment.

The device also has an impedance reduction button. This can be used to test the function of a residual current circuit breaker (RCD) or to suppress phantom voltages in the measuring circuit.

FEATURES:

CAT III 400 V // RCD / low impedance test // 4 mm screw contacts //

TECHNICAL DATA:

Voltage indicator LED	12, 24, 36, 50, 120, 230, 400 V AC/DC
Polarity indicator	+, - (DC) / ~ (AC)
Display tolerance	- 30% to 0% of reading
Voltage display	Automatic
Frequency range f	DC, 50/60 Hz
Max. Test current I _s	5 s < 3.5 mA
Measuring time/on-time	max. 30 sec.
Low impedance	< 25 kΩ (1 s < 0.2 A)
Temperature range operation	-10 to +55°C
Protection class	IP64
Dimensions (L x W x H)	approx. 225 x 32 x 26 mm
Weight	approx. 130 g

PACKAGE CONTENTS:

Voltage tester // 2 screw contacts (Ø 4 mm for CAT II application) //
2 protective sleeves for CAT III application // Operating instructions //

CE
VERSION 10/21



This data sheet is a publication by Conrad Electronic SE, Klaus-Conrad-Str. 1, D-92240 Hirschau (www.conrad.com). All rights including translation reserved. Reproduction by any method, e.g. photocopy, microfilming, or the capture in electronic data processing systems require the prior written approval by the editor. Reprinting, also in part, is prohibited. This publication represent the technical status at the time of printing.
© Copyright 2021 by Conrad Electronic SE. 2384631_V1_1021_02_VTP_ds_en