

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.

FIT-100 FI/RCD TEST DEVICE



Item no. 2464203

The FIT-100 test device is used to test the function of residual current circuit breakers (RCD) in single-phase power networks (TT/TN). The test device is connected directly to a standard household socket outlet with earthing contact.

FEATURES

Quick check for correct wiring // Read out of tripping time and Current // For normal or selective RCDs

TECHNICAL DATA

For RCD types:	Normal/Selective, AC/A
For mains:	230 V/AC (-10%/+6%), TT/TN, 50/60 Hz
RCD test current:	10 - 30 - 100 - 300 - 500 - 650 mA
Accuracy test current:	(10% + 5 counts)
Test time:	0 - 300 ms
Accuracy test time:	(5% + 3 counts)
Ramp test:	0.4 to 1.1 with set fault current
Accuracy ramp test:	10%
Warning function:	Mains voltage 400 V Fault voltage (touch voltage) >50 V
Power supply:	4 Mignon batteries (type AA)
Operating temperature range:	-15 to +45 °C
Protection class:	II (double or reinforced insulation)
Protection class:	IP40
Safety:	IEC EN 61010, CAT III 600 V
Dimensions (W x H x D):	71 x 210 x 51 mm
Weight:	340 g



EQUIPMENT

The outer conductor (L, phase) and the protective conductor (PE) are tested // The display shows the status with different indicators for mains voltage, fault voltage (touch voltage) and phase position // The RCD test can be performed with a preselected fault current, with positive or negative sine half-wave, with normal tripping or delayed (selective with a tripping test time of up to 30 s) // Ramp test // Zero cross circuitry permits testing at 0° and 180° portion of sine wave // In the event of a fault, the display illumination turns red to warn of danger // Automatic switch-off // Fault indication // Battery level indicator // Inverse illuminated display

PACKAGE CONTENTS

FIT-100 FI/RCD test device // 4 Mignon batteries (type AA) // Operating instruction