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BENNING INSTALLATION TESTER IT 130 FOR TESTING ELECTRICAL SYSTEMS

SKU: 4014651441033



Installation tester IT 130 for testing electrical systems

Categories: [Installation testers](#), [Measuring and testers for electrical installation](#)

Product Features: Application: For testing electrical systems
Brand: BENNING

[Datasheet](#)

Scope of delivery:
1,00 ST Installation tester IT 130 for testing electrical systems |

PRODUCT DESCRIPTION

Suitable for electro-technology, industry (safety tests on electrical systems up to 1000 V initial commissioning, repetition tests, error search, logging, photovoltaics)

- Multifunctional installation tester for testing electrical systems in accordance with DIN VDE 0100-600 (IEC 60364-6) and DIN VDE 0105-100 (EN 50110)
- Including testing of FI/ RCD protection switch Type B/ B+ (all-current sensitive) and Type AC, A, F (mixed frequencies) Measurements: Low-impedance resistance (200 mA with polarity reversal continuity (7 mA insulation resistance (50 V/ 100 V/ 250 V/ 500 V/ 1000 V)
- Line impedance (L-N / L) with voltage drop and short-circuit current
- Looping impedance (L-PE) without FI/RCD tripping and short-circuit current
- Test of FI/RCD circuit breaker standard and delayed (S) (type AC, A, F, B, B + with AUTO test, contact voltage, tripping time, and trip current (ramp))
- TRUE RMS voltage
- Frequency, phase sequence, first fault leakage current in the IT network Measurements using optional accessories: Earthing via 3-line method with BENNING earthing set (044113 article no. 4000 828 913, TRUE RMS current via current clamp adapter BENNING CC 1 (044037)
- BENNING CC 3 (044038 article no. 4000 828 918 Special product benefits: Measured value memory over 4 levels (object, block, fuse, measuring point)
- Upload of system structures, download of measured values
- Integrated real-time clock (measured value with date/time)



- Bidirectional interfaces (USB/ RS 232)
 - Clear good/bad display via green/red LED on the test device and on switchable commander probe
 - Commander probe with TEST and MEMORY button as well as luminous LED measuring point lighting
 - Connection for bar code scanner for the identification of the measuring point and renaming of the storage space
 - Graphic display with background lighting
 - Help function with connection diagram
 - Online voltage monitor
 - Charging function integrated into the device
 - PC software BENNING PC-Win IT 130: Creation and transfer (upload) of plant structures to the BENNING IT 130 for rational repeat testing
 - Measured value download and logging (test report, ZVEH test report)
 - Display stages: LED display for high-ohm resistances up to 90 k, for low-ohm resistances up to 900
- Polarity detection for semiconductors (diodes, transistors) Test current VDE-tested and approved Scope of supply: Installation tester, carry bag, PC software, USB/RS-232 cable, switchable Commander probe, test cable with plug with earthing contact, universal 3-wire test cable (L = 1.5 m 3 x probes/alligator clips, charger with 6 rechargeable NiMH batteries (type AA) , calibration certificate Optional accessories (not included in the scope of supply): Earthing set, article no. 4000 828 913 For earthing measurements via 3-wire measuring technique, comprising 2 earth spikes and 3 test lines (2 x L = 20 m, 1 x L = 4.5 m) AC current clamp adapter BENNING CM 3, article no. 4000 828 918 Alternating current 1 A-40 A AC/DC (300 A AC/DC output 10 mV / 1 A. clamp opening max. 25 mm, measurement category CAT III 600 V. including measuring lines, bag, battery (1x block battery type for replacement battery see article no. 4000 901 814 Note on the disposal of batteries and rechargeable batteries As we sell batteries and rechargeable batteries and devices that contain batteries and rechargeable batteries, under the German Battery Act (BattG we are obliged to draw your attention to the following: The symbol of the waste bin with the X through it on batteries and rechargeable batteries means that they must not be disposed on in household waste after consumption. If batteries or rechargeable batteries contain mercury, cadmium or lead, you will find the chemical symbol (Hg, Cd or Pb) under the symbol of the waste bin with the X through it. Every user of batteries or rechargeable batteries is legally obliged to return old batteries and rechargeable batteries. They can be returned, free of charge, to the retailer or another collection point near you. You can obtain the addresses of suitable collection points near you from your local government authority. In the case of batteries that contain more than 0.0005 percent by mass mercury, more than 0.002 percent by mass cadmium or more than 0.004 percent by mass lead, the chemical symbols of the respective harmful substance used are indicated under the waste bin symbol. The chemical symbols have the following meaning: Pb: Battery contains lead Cd: Battery contains cadmium Hg: Battery contains mercury

PRODUCT DATASHEET LEGAL NOTE

Please note that the information on this datasheet is provided without warranty and is intended only as non-binding information about the product. Any liability for damages or losses that may arise from the use of this information is excluded. We therefore recommend that you verify the information on this datasheet with other sources before making any decisions based on this information. Additional information about the product can be found on our website.