

BENNING

IT 105

VDE 0100 Installation tester

NEW!

Recommended retail price:

595.⁰⁰ €

All prices are exclusive of VAT.
Item no: 044105



VDE 0100 multifunction installation tester

BENNING IT 105 – testing of electrical installations according to IEC 60364

- unbeatable price/performance ratio
- easy operation, all measuring functions can be selected directly by means of a rotary switch
- large LC display with illumination
- supplied in a hard-top case, test probe with „TEST“ key, set of measuring leads/ alligator clips, test cable with shock-proof plug, carrying strap, 6 x 1.5 V batteries (IEC LR6/ type AA) and calibration certificate



incl. calibration certificate



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BENNING IT 105

VDE 0100 Installation tester

Application:

Safety-related tests of electrical installations after construction, modification or as periodic inspection can be carried out easily and efficiently by means of the BENNING IT 105 installation tester.

Measuring functions:

- low-impedance resistance of protective conductor and equipotential bonding conductor connections (testing current: 200 mA)
- insulating resistance with testing voltages of 250 V, 500 V and 1000 V
- loop impedance (L-PE) without RCD tripping (NO-TRIP) with simultaneous display of the fault current (PFC)
- line impedance (L-N/L) with high testing current (HIGH CURRENT) with simultaneous display of the short-circuit current (PSC)
- testing of RCDs, standard and delayed (S) with sinusoidal (AC) and pulsating testing current (A)
- automatic measurement of the tripping time (1/2 x, 1 x und 5 x IΔN) and the tripping current using the ramp method
- voltage and frequency measurement up to 440 V
- phase sequence testing in three-phase mains (L1-L2-L3)

Scope of delivery IT 105:



Features:

- extra large graphic display (95 x 55 mm) with background lighting
- test probe with TEST key for starting the measuring process
- AUTO start function for low-impedance, loop and line impedance measurements
- LOCK function (permanent measurement) of the insulating resistance
- compensation (null balance) of the der measuring lines up to 10 Ω
- supplied in a hard-top case, test probe with „TEST“ key, set of measuring leads/ alligator clips, test cable with shock-proof plug, carrying strap, 6 x 1.5 V batteries (IEC LR6/ type AA) and calibration certificate

Technical data	BENNING IT 105
Display:	graphic display (illuminated)
Low-impedance measurement:	0.15 Ω - 199 Ω
Insulating resistance:	0.20 MΩ - 199 MΩ
Loop impedance (L-PE):	0.20 Ω - 1999 Ω
Line impedance (L-N/L):	0.20 Ω - 1999 Ω
Short-circuit current:	up to 26 kA
RCD testing:	tripping time (1/2 x, 1x, 5x IΔN, AUTO) tripping current (ramp)
Testing current:	sinusoidal (AC), pulsating (A) 10/30/100/300/500 mA
Phase sequence test:	right/left
Voltage:	1 V - 440 V
Frequency:	45 Hz - 65 Hz
Item no.:	044105
Recommended retail price:	595.00 €

Optional accessories:



BENNING TA 5 40 m measuring lead with rewriter and wrist strap

Item no. 044039

Recommended retail price 169.80 €

Your specialty retailer:

BENNING

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