

Accessories > Benning measuring adapters MA 4 (044162)

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Item name: Benning measuring adapters MA 4 (044162)

Manufacturer : Benning

Model : 044162

Measuring adapter for active and passive testing of 1- and 3-phase equipment up to 32 A

- Standardized testing according to DIN VDE 0701-0702, DIN EN 62353, DIN EN 60974-4 and DGUV regulation 3
- Testing 1-phase (230 V, 16 A) and 3-phase (400 V, 16 A + 32 A) equipment with CEE connection
- Differential current measurement on 3-phase devices and machines under function
- Safety and functional testing of CEE extension cables
- Robust and waterproof transport case (IP 67)
- Universally usable for every 1-phase device tester that connects to the mains voltage Usage:

Expand your single-phase instrument tester to also test equipment with CEE connection (16 A, 3-pole and 16 A + 32 A, 5-pole), such as electrical devices, machines and extension cables, in conformity with standards.

The testing of CEE extension cables is carried out via the plug and coupling side, so that in addition to the safety test (RPE, RISO) a complete functional test (continuity/cable break, short circuit and rotating field) of all conductors is carried out.

Tip:

When testing electrical devices and machines with mains voltage-dependent switching elements (relays, contactors, power supplies, etc.), please note that the passive equivalent leakage current measuring method cannot be used.

=> Existing insulation faults behind the switching element are not detected!

The differential current transformer integrated in the BENNING MA 4 allows the active testing of 3-phase DUTs under mains voltage and has the additional advantage that the DUT does not have to be set up isolated. Supported measuring functions (depending on the device tester):

- protective conductor and insulation resistance
- Spare leakage current (protective conductor / touch current)
- Safety and functional testing of CEE extension cables
- Differential current of 1-phase equipment with CEE connection (16 A, 3-pole)
- Tripping time/trip current of PRCDs and RCDs in mobile power distribution systems
- Commissioning of 3-phase equipment with a max. load up to 32 A
- Differential current measurement on 3-phase devices/machines in function
- Testing of 3-phase welding equipment according to DIN EN 60974-4 (VDE 0544-4) Performance features:

- CEE test connections: 16 A, 3-pole and 16 A + 32 A, 5-pole
- Safety plug for connection to the test socket of the device tester
- 7 status LEDs for evaluation of the cable function test
- Test sample connection diagram in the housing cover
- Robust and waterproof transport case (IP 67)
- Self-test by deliberate IPE error connection of 1 mA or 3 mA
- earthed socket for supplying the 1-phase device tester
- Power supply cable (1 m) with CEE plug 32 A, 5-pin

Benning MA

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Technical changes, model or color modifications, mistakes and delivery facilities without notice! No responsibility for literal mistakes.

Price : 1422,00 EUR[incl. 19% Tax excl. Shipping]