



MULTI-Flex+

ELECTRIC OPERATING

MULTIMETER



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MULTI-Flex+

Multimeter



FUNCTIONS

MULTI-Flex+ is a digital multimeter, equipped with a flexible Rogowski coil current transducer (MADE-Flex™) for measuring the voltage and current and for checking the continuity on the low voltage network. The combination of these two inputs enables the calculation of the instantaneous active power and Cos Phi on the electric network. MULTI-Flex+, is provided in a carryind case, including two voltage cables, equipped with IP2X insulated plugs.

TECHNICAL CHARACTERISTICS

Current Input	MADE-Flex - 2000 Amp AC - Bandwidth 10 Hz-10 kHz
Voltage Input	Protected banana plugs and 2 IP2X leads (Mechanical Protection)
Range of current measurement	4 ranges : 50, 200, 400, 2000 A AC RMS
Range of voltage measurement	2 ranges : 100 - 480 V AC RMS
Range of power measurement	1 range : 0 – 100 kW
Range of cos (Φ) measurement	1 range : 0.00 to +1.00
Continuity test	1 sound alarm starting at 200 Ω 0 to 2 kΩ
Peak factor	2.5 at nominal intensity
Maximum current	10 kA (MADE-Flex dielectric features)
Number of channels	2 measurement ways (current and voltage)
Resolution	Unit of the last displayed digit
Sampling	RMS values : 600 ms integration
Accuracy	0.3 % (max value in a range) < P < 5 % (low value in a range) ; with respect to a signal frequency between 45 and 65 Hz
Influence of the sensor shape	1 % for an oblong form
Influence of an adjacent conductor	1 %
Influence of the conductor position	1 %
Temperature range	Operation : -20 °C to 50 °C ; Storage : -20 °C to 70 °C
Power Supply	9 V Type E-BLOCK 6 LR 61. PP3
Battery Life	Approx. 8 h on battery – uninterrupted
Display	4 digit display
IP Standard	IP 55
Dimensions	330 x 280 75 mm
Weight	1.1 kg

