Machinery Tester

MT-204

Functions

- Measurement of protective earth resistance
- Loop/Line impedance measurement
- Insulation resistance measurement
- Residual voltage measurement
- High-voltage test

- 10 A test current for protective earth resistance

- 0.2 A test current for protective earth resistance

- Loop/line impedance measurement up to 440 V

- Display of short circuit current (PSC)

- Insulation measurement with 250 V to 500 V test voltage

- Residual voltage measurement; display of discharge voltage/time

- Integrated high-voltage test (can be deactivated via key switch)

Machinery tester in accordance with EN 60204-1

TECHNICAL DATA

Display	graphical LCD
Display resolution	128 x 64 pixels
Protective earth resistance (10 A)	0.00-20.00 Ω, resolution 0.01 Ω
Maximum test current/voltage	> 10 A / > 4 V AC
Protective earth resistance (0.2 A)	0.00-20.00 Ω, resolution 0.01 Ω
Test current/voltage	> 0.2 A / > 4 V AC
Loop/line impedance	0.00-20.00 Ω, resolution 0.01 Ω
Test current	20 A (10 ms) at 230 V
Voltage range	190-440 V
Short circuit current	11.5 A - 23 kA
Insulation resistance	0.00-100.0 MΩ, resolution 0.01 MΩ, 0.1 MΩ
Test voltage/current	250 V to 500 V
Residual voltage measurement range	0.0-400 V AC/DC
Measurement time	1 s, 5 s
Time measurement range	0-300 s
High-voltage test voltage/current	1000 V/50 mA AC
Trip current	5, 10, 25, 50 mA (adjustable)
Measurement memory	up to 2000 readings
Interfaces (USB 2.0)	PC and barcode scanner
Limit value display	optical and acoustic
Safety certificate	IEC/EN 61010-1, EN 61557 parts 2, 3, 4
Measurement category	CAT IV/300 V
Pollution degree	2
Protection class	I
Protection category	IP 40
Power supply	230 V +10%/-15% 50 Hz, max. 100 VA
Dimensions	405 x 330 x 180 mm
Weight	8 kg

Scope of supply

- 1 x MT-204
- 1 x Schuko mains cord
- 2 x safety test lead, 2 m each
- 2 x test lead extension, 10 m each
- 2 x crocodile clip
- 2 x test tip
- 1 x interface cable
- 1 x user manual

Optional accessories

- USB Keyboard (German or English version)
- USB Barcode Scanner

https://mi-spekter.com

Authorized Distributor in Switzerland

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Machinery

Subject to technical change without notice!