

M73 - SPEED418

MULTIFUNCTION INSTRUMENTS FOR TOTAL EARTH RESISTANCE MEASUREMENT AND TESTS ON DIFFERENTIAL SWITCHES

Models M73 and SPEED418 are innovative instruments for measuring the total earth resistance without causing the differential switch's tripping (typically used in TT systems as an alternative to earth measurement with probes) and for evaluating the tests on differential switches on civil and industrial electric systems. Model SPEED418, differently from M73, allows storing each measurement result in its own internal memory and downloading the saved data onto the PC with the aid of the dedicated software. SPEED418 also allows carrying out measurements by using a remote probe (optional accessory PR400), which makes it much easier to carry out more measurements one after the other. Model M73 is provided with a powerful multimeter function for measuring quantities in true RMS value (TRMS), which is useful when solving any kind of electric problem.

FUNCTIONS	M73	SPEED418
Tripping time on RCD type A, AC General and Selective with currents 10, 30, 100, 300, 500mA		•
Tripping time on RCD type AC General with currents 30, 30x5, 100, 300mA	•	•
Tripping current on RCD type A, AC General and Selective		•
Global earth resistance without RCD tripping		•
Line/Loop impedance, also with high-resolution (0.1mΩ) (with optional accessory IMP57)		•
Prospective short circuit current	•	•
Phase sequence indication		•
DC/ACTRMS voltage	•	
DC/AC TRMS current	•	
Resistance and continuity test	•	
Data HOLD, MAX/MIN/AVG	•	
Voltage and current PEAK measurement	•	
Leakage current measurement (with optional clamps HT96U)	•	
Activation of measurements (with optional remote probe PR400)		•
Help on line on the display		•
Storage of results		•
Optical/USB interface for connection to PC		•
Safety	EN61010-1	EN61010-1
Measurement category	CAT III 265V	CAT III 265V
Power supply	4x1.5V	4x1.5V
Size (LxWxH) mm	240x100x45	222x162x57
Weight (with batteries)	450g	1Kg

ACCESSORIES	Code
Standard	
2-terminal cable with SHUKO plug (only M73)	C2075
3-terminal cable with SHUKO plug (only SPEED418)	C2033X
Set of 2 cables with test leads + 2 alligator clips (only M73)	KIT0075
Carrying bag (only M73)	BORSA75
Carrying bag (only SPEED418)	BORSA75N
ISO9000 calibration certificate	
User manual on CD-ROM (only SPEED418)	
Quick reference guide (only SPEED418)	
Optional	
PC Windows software + optical / USB cable (only SPEED418)	TOPVIEW2006
Set of 3 cables + 3 alligator clips + 1 test leads (only SPEED418)	UNIVERSALKIT
Clamp 1-100-1000A/1V AC, diameter 54mm (only M73)	HT96U
Clamp 400A AC, diameter 30mm (only M73)	HT4003
Clamp 200A/1V AC, diameter 40mm (only M73)	HT4005K
Clamp 10-100A/1V AC/DC, diameter 32mm (only M73)	HT4004N
Adapter for connection of HT96U, HT4004N, HT4005K clamps (only M73)	NOCANBA
Remote probe (only SPEED418)	PR400
Hands-free kit (only SPEED418)	SP-0400
Magnetic adapter	606-IECN
Safety flexible alligator clip	6007-IEC#



M73
HV000073



SPEED418
HV000418