

GROUND RESISTANCE TESTERS

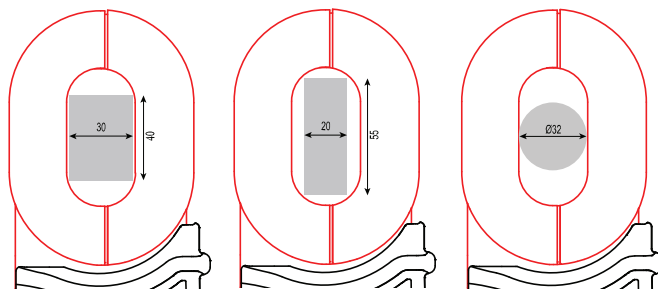
CLAMP-ON

MODEL 6418

Designed for measuring ground impedance on ground rods and bus bars

SPECIFICATIONS

MODEL	6418		
ELECTRICAL			
Ground Resistance	Measurement Range	Resolution	Accuracy (% of Reading)
Auto Ranging	0,010 to 0,099Ω	0,001Ω	±1,5% ±0,01Ω
	0,10 to 0,99Ω	0,01Ω	±1,5% ±0,02Ω
	1,0 to 49,9Ω	0,1Ω	±1,5% ±0,1Ω
	50,0 to 149Ω	1Ω	±2,5% ±2Ω
	150 to 245Ω	5Ω	±5% ±10Ω
	250 to 440Ω	10Ω	±10% ±20Ω
	450 to 640Ω	10Ω	±15% ±20Ω
	650 to 1200Ω	50Ω	±20% Reading +100Ω
Measurement Frequency	2083Hz		
Current Measurement	0,50 to 9,950mA	50μA	±2% +200μA
Auto Ranging 1mA to 40A	10,00 to 99,90mA	100μA	±2% +100μA
	100,0 to 299,0mA	1mA	±2% ±1mA
	0,300 to 2,990A	10mA	±2% ±10mA
	3,000 to 20,00A	100mA	±2% ±100mA
Current Measurement Frequency	47 to 800Hz		
Current Overload	OL displayed above 19,99Arms		
Power Source	4x1,5V LR6 (AA) Alkaline batteries or 4 NiMH batteries; Battery life: 12 hours, or 1440 30-second measurements approx.		



CLAMPING CHARACTERISTICS

FEATURES

- Ground Integrity® Measurement
- Large multi-function bright yellow organic LED display (OLED) 48 x 39mm
- Clamping diameter accommodates both cable and bus bar
- Storage of measurements (Ω and/or A, with time-stamping)
- Up to 300 measurements stored
- View stored measurements on the OLED display
- Auto Power OFF function
- Auto Hold
- Alarm function with adjustable set point and buzzer for quick field checks for amps and ohms
- Rugged Lexan® head and body construction resists breakage
- Alarm settings and stored memory information saved during shutdown
- Noise icon and buzzer alert user to presence of dangerous current levels
- Designed to EN 61010-1, 100V CAT IV 150V CAT III safety standards
- Automatic calibration of the jaw gap at power-up

PRODUCT INCLUDES

MODEL 6418

Includes a hard carrying case, calibration loop, four 1,5V AA batteries and user manual.



CATALOG NO. DESCRIPTION

2141.03 Ground Resistance Tester Model 6418 (Clamp-On, Alarm, Memory, Oblong Jaws)