

MW9092

Insulation tester under 50 V to 1000 V Continuity tester



■ Applications :

- Detect with an easy to use and robust device the insulation defects on :
 - Motor windings
 - Electrical installation cables
 - generators
- Test the continuity between the equipotential ground connections with 200 mA testing current.

■ Features :

- Insulation measurement under 50 V, 100 V, 250 V, 500 V, 1000 V
- Insulation resistance up to 20 GΩ
- Measurement of the polarization index (PI) and the dielectric absorption factor (DAR)
- Voltage measurement up to 600 V TRMS AC and 600 V DC
- Continuity measurement with 200 mA
- Resistance measurement up to 600 kΩ
- Low resistance measurement mode with 0.01 Ω resolution
- Compact and robust housing, with integrated shock-proof sleeve
- Provided with test lead, alligators clips, holster, batteries
- Safety: 600V CAT IV



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Technical specifications		MW9092	
Insulation resistance measurement			
Test voltage	Range	Accuracy	
50 V	300 K Ω / 3.00 M Ω / 30.0 M Ω 300 M Ω / 1.00 G Ω	$\pm(3\%rdg+5dgts)$ (30 K Ω -1.00 G Ω)	
100 V	600 K Ω / 6.00 M Ω / 60.0 M Ω 600 M Ω / 2.00 G Ω	$\pm(3\%rdg+5dgts)$ (60 K Ω -2.00 G Ω)	
250 V	1.50 M Ω / 15.0 M Ω / 150 M Ω / 1.50 G Ω 5.0 G Ω	$\pm(3\%rdg+5dgts)$ (0,15 M Ω -1,50 G Ω) $\pm(10\%rdg+3dgts)$	
500 V	3.00M Ω / 30.0 M Ω / 300 M Ω / 3.00 G Ω 10.0 G Ω	$\pm(3\%rdg+5dgts)$ (0,30 M Ω -3,00 G Ω) $\pm(10\%rdg+3dgts)$	
1000 V	6.00 M Ω / 60.0 M Ω / 600 M Ω / 6.00 G Ω 20.0 G Ω	$\pm(3\%rdg+5dgts)$ (0,60 M Ω -6,00 G Ω) $\pm(10\%rdg+3dgts)$	
Test voltage accuracy	0% à +20%		
Short circuit test current	1 mA (nominal)		
Protection	Inhibit test if terminal voltage > 30 V		
AC / DC voltage measurement			
Range	Resolution	Accuracy	Protection
60.00 V	0.01 V	2%rdg+5dgts(45-500Hz)	600 Vrms
600.0 V	0.1 V		
Resistance measurement			
Gamme	Resolution	Accuracy	Protection
600.0 Ω	0.1 Ω	2%rdg+5dgts	600 Vrms
6.000 k Ω	0.001 k Ω		
60.00 k Ω	0.01 k Ω		
600.0 k Ω	0.1 k Ω		
Continuity			
Range	Resolution	Beeper	Protectionk
600.0 Ω	0.1 Ω	$\leq 7 \Omega \pm 1 \Omega$	600 Vrms
LoΩ			
Range	Resolution	Accuracy	
6.00 Ω	0.01 Ω	2%rdg+5dgts	
60.0 Ω	0.1 Ω		
General			
Power supply	4 batteries 1.5V IEC LR6 / AA		
Operating temperature	0 to 40°C		
Storage temperature	-10°C to 60°C without condensation		
Humidity	80% HR max		
Safety	CAT IV 600 V		
Approvals	EN/IEC 61010		
Dimensions	206(L) x 90(W) x 51(H) mm		
Weight	510 g with batteries		
Warranty	1 year		

For assistance and ordering



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FT MW9092 A00- Specifications can be updated without notice



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