

TRANSFORMER RATIOMETERS

QUICK TESTER MODEL 8505

Designed to check the basic integrity of power transformers and capacitors

SPECIFICATIONS

MODEL	8505
ELECTRICAL	
Short	<20Ω
Open	>20Ω
Transformer	>1mh
Capacitor	0.5μf to <1mf
Power Source	4 x 1.5V AA (LR6) Alkaline batteries (included)
Battery Life	More than 2500 ten second tests on a full charge
Low Battery Indicator	Red LED blinks; approximately 100 tests can be conducted when LED starts to blink
MECHANICAL	
Dimensions	7.2" x 3.65" x 1.26" (182.9 x 92.7 x 32mm) w/o leads
Weight (with battery)	14.4 oz (408g)
Case	UL94
Vibration	IEC 68-2-6 (1.5mm, 10 to 55Hz)
Shock	IEC 68-2-6 (1.5mm, 10 to 55Hz)
Drop	IEC 68-2-32 (1m)
ENVIRONMENTAL	
Operating Temperature	14° to 122°F (-10° to 50°C)
Storage Temperature	-4° to 140°F (-20° to 60°C)
Relative Humidity	0 to 85% @ 95°F (35°C), non-condensing
Altitude	2000m
SAFETY	
Safety Rating	EN61010-1; 50V CAT IV
Ingress Protection	IP30

Reference Conditions: 23°C ±3°C, 30-50% RH, battery voltage: 4.5V ±10%.



FEATURES

- Checks coil continuity on single- and three-phase transformers
- Detects open or shorted coils and capacitors
- Detects switch open and closed positions
- Automatically identifies device as a transformer or capacitor
- Single button operation
- Bright LED indicators and buzzer for T and C
- Coiled captive test lead extends to 6 ft each
- Test probe with 5.75" (146mm) shaft ideal for insertion into protective shroud to reach test point
- Multi-frequency source signals improves test reliability and accuracy
- Microprocessor based design for control, stability and repeatability
- Built-in self-test for inductance and capacitance
- Fuse protected
- Battery operated; more than 2500 tests on a full charge
- Low battery indicator begins to blink when capacity of ~100 tests remain

CATALOG NO. DESCRIPTION

2136.51 Quick Tester Model 8505