

LEAKAGE CURRENT METERS & PROBES

ARTIFICIAL NEUTRAL & LEAKAGE CURRENT PROBE

MODEL AN-1



Generates a momentary grounded artificial neutral to allow the measurement of fault currents on ungrounded three-phase systems

FEATURES

- Designed for ungrounded networks - provides intermittent path to ground for leakage current measurements
- Works from 30 to 600VAC
- Red LED phase voltage indicators
- Switch selectable ground fault cycling of 500ms or 2.3 seconds
- Buzzer alerts each momentary fault
- Battery operated
- Double insulated, fire retardant case
- Four color-coded 5ft 1000V rated leads supplied with alligator clips
- Works with Model 2620 and other leakage current probes

SPECIFICATIONS

MODEL	AN-1
ELECTRICAL	
Working Voltage	30 to 600V
Frequency	45 to 65Hz
Resistance Per Phase	3.9kΩ ±5%
Relay Duty Time	Slow position: 500ms / Fast position: 2.3 seconds
Power Source	12VDC - Eight 1.5V AA batteries (included)
Power Consumption	180mA
Battery Life	Approx. 40 hours of use
MECHANICAL	
Dimensions	8.7 x 5.4 x 5.9" (220 x 136 x 150mm)
Weight	2.9lbs (1.3kg)
Case	Fire resistant polycarbonate UL94 V0
ENVIRONMENTAL	
Reference Temperature	73.4° ±5°F (23° ±3°C)
Operating Temperature	32° to 122°F (0° to 50°C); 10 to 90% RH (non-condensing)
Storage Temperature	-40° to 158°F (-40° to 70°C); 10 to 90% RH (non-condensing)



CATALOG NO.	DESCRIPTION
1971.01	Artificial Neutral Model AN-1