ETCR METER®

GUANGDONG ETCR ELECTRONIC TECHNOLOGY CO.,LTD.

EM1100

Transformer Distribution Network Phase Line Identify Meter

PRODUCT FUNCTION

- Used to identify the phase A & B & C of low-voltage power supply circuit lines within the same transformer distribution area, which can quickly and accurately identify whether the phases of each phase line are consistent between two points on lines that are far apart on the same transformer distribution area, and accurately judgement whether the tested line is connected to the same line as the transformer output.

PRODUCT FEATURES

- Widely application in cable construction, power equipment installation, and circuit line maintenance, which is an essential instrument for the installation and construction of three-phase unbalance correction devices.
- Utilizing satellite communication technology, offers long communication distances (up to 8 km), full coverage of the transformer distribution area, and rapid, accurate, and intuitive phase line identification.
- The master and slave units communicate reliably, are small in size and easy to carry, which are particularly suitable for phase line identification in densely buildings urban areas.



TECHNICAL SPECIFICATION

Function	Transformer distribution network phase line identification
Slave Power Supply	DC 7.4V, 2.6Ah rechargeable lithium battery
Frequency	50Hz
Communication Distance	Communication distance without obstacles blocking up to 8kms
Power	Whole meter: 3W Wireless transmission: 1W
Identify Time	≤ 5S
Identify Success Rate	> 99 %
Host Antenna	FR sucker antenna, BD / GPS planar antenna
Slave Antenna	FR / GPS glue stick antenna
Rated Voltage	Three phase 4-wire system: 220V
Host (Slave) Weight	Approx. 2.56kgs (include accessories)
Host (Slave) Dimension	162mm x 85mm x 49mm
Insulation Strength	AC 3700V/rms (between the PCB and housing)
Accessories	Host*1PC Slave*1PC Sucker antenna*1PC Planar antenna*1PC Glue stick antenna*2PC Host test wire* 1set (alligator clip) Slave test wire* 2PCS (probe); Charger*1PC Meter bag*1PC

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Note! Photographs in this catalogue may slightly differ from the instruments at the time of delivery.
Subject to technical change without notice.