STEP & TOUCH VOLTAGE MEASUREMENT

- LET-60-VPC
- LET-500-VPC

SMC EURO

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LET-60-VPC / LET-500-VPC

Step & Touch Voltage measurement

LET-60-VPC (6 kVA)

LET-500-VPC (50 kVA)

APPLICATION

These sets are designed to test ground circuit measurements, in what is called voltage in step and touch according to IEC standards used in some countries.

DESCRIPTION

The sets contain two distinct functions, the current injection and the voltage measurement.

In the injection of current, a variable autotransformer of current regulation is connected to a current producer transformer with various ranges of output. The current produced is measured with a shunt system connected to a digital instrument. This system of current injection makes possible to shift the current 180° in order to avoid possible stray current over the ground.

The voltage in step and touch measurement is made up with a digital voltmeter of 3 1/2 digits with a input designed so that the ohm resistance will be 1 KV. The precision of this set is ±1%.

TECHNICAL SPECIFICATIONS

	LET-60-VPC	LET-500-VPC
Voltage supply	220V 50/60 Hz	
Outputs	0-6A/0-1000V 0-12A/0-500V 0-24A/0-250V 0-60A/0-100V	0-50A / 0-1000V
Nominal Power	6KVA in continuous service	50KVA in continuous service
VOLTAGE MEASUREMENT		
Digital Voltmeter	3 1/2 dígits LED type	
Measurement ranges	0,2V, 2V, 20V, 200V	
Internal resistance	1KΩ in all ranges	
Precision	±1% F.E.	
CURRENT OUTPUT MEASUREMENT		
Digital amperemeter	3 1/2 dígits LED type	
Measurement ranges	6A, 20A, 30A, 60A	0-199.9A
GENERAL		
Dimensions	Height: 350 mm / 14” Width: 350 mm / 14” Depth: 700 mm / 28”	Height: 1000 mm / 40” Width: 700 mm / 28” Depth: 670 mm / 27”
Weight	135 Kg / 230 lb	350 Kg / 770 lb.

CHARACTERISTICS

- Accessories for measurements incorporated.
- Inversion of current output.
- Current measurement: ±0.5%.
- Voltage measurement: ±1%.

ACCESSORIES INCLUDED

- 2 grounding electrods with 200x100 mm section and 25 Kg. (each one).
- 3 rolls of 50 m cable for test leads.
- Instruction manual.
- Calibration certificate.

DISTRIBUTED BY:

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