



PRIMATA
Tecnologia Eletrônica

Technical Specifications

P16

Single-Phase Resistive Load



Presentation

The **Single-Phase Resistive Load P16** is a **lightweight and portable** equipment used to checking the operation and testing electric power meters installed in service ports of consumer units.

It was developed by **PRIMATA ELETRÔNICA** with the objective of simplifying the field tests and trials carried out by the concessionaires and energy licensees in **single-phase, two-phase and three-phase meters**.



Applications

- ✓ Verification of the functioning of electric energy meters;
- ✓ Fixed load tests for meter activation, seeking to identify defects or frauds (in this case it is used as a load in conjunction with other deviation analyzers, not supplied with this equipment);

Benefits

- ✓ Safety in the installation of the load for quick testing of the meters;
- ✓ Supplied with 1.3m flexible cable (1.5 mm²) with a pair of **Needle Clips** (CAT III 1000V or CAT IV 600V / 10A) and **alligator plugs**;
- ✓ Overvoltage-protection board (optional), protection against overcurrent with fuse and individually with bimetallic thermal element;
- ✓ Minimum temperature variation;
- ✓ Handle for manipulation and transport;
- ✓ 1 year factory warranty;

Technical features

Supply voltage (Neutral/Phase)	100 to 240 Volts \pm 10%
Nominal Frequency	60Hz
Maximum Current per Phase	1.8A (127V) 3A (220V) <i>Other currents upon request</i>
Overvoltage-protection board	Optional
Fuse	5A
Maximum Continuous Use Time	05 minutes
Weight	1.1 kg
Dimensions	92 x 180 x 190 mm

Precautions for Use and Conservation

- ✓ Keep the air inlet and outlet of the equipment unobstructed;
- ✓ Do not use the equipment under rain and avoid impacts that may damage its structure;
- ✓ Keep the equipment in a dry place;

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PRIMATA ELETRÔNICA products are in constant improvement. Therefore, the technical specifications contained in this material may be changed without previous notice. Check our website for possible updates.



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Page 3 of 3