



PRIMATA
Tecnologia Eletrônica

Technical Specifications

P19

High-Power Three-Phase Resistive Load



Presentation

The **High-Power Three-Phase Resistive Load P19** 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 power distribution companies in **single-phase, two-phase and three-phase meters**.



Applications

- ✓ Verification of the functioning of electric energy meters;
- ✓ Fixed load high-power tests for meter activation, seeking to identify defects or frauds (in this case it is used as a load in conjunction with other deviation analyzers¹, not supplied with this equipment);

¹ For this application, check the equipment **P80 – Portable Standard Energy Meter Test Equipment (Wireless Transmission)**.

Benefits

- ✓ Safety in the installation of the load for quick testing of the meters;
- ✓ Supplied with **Dolphin Clips (CAT III 1000V / 32A)**;
- ✓ On/Off pushbutton with LED light for individual phase activation;
- ✓ Protection against overcurrent with fuses, and individually with bimetallic thermal element;
- ✓ Minimum temperature variation;
- ✓ Assembled in hardcase with 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	9A (127V) 15A (220V)
Maximum Current Achieved in Star Connection	27A (127V) 45 A (220V)
On/Off Pushbutton with LED Light	Yes
Fuse	20A
Maximum Continuous Use Time	05 minutes
Weight	5.5 kg
Dimensions	170 x 360 x 400 mm

Precautions for Use and Conservation

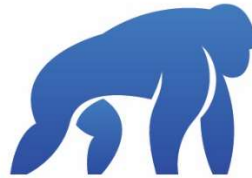
- ✓ Keep the air inlets and outlets of the equipment unobstructed;
- ✓ Turn on only the button of the phase that is being used;
- ✓ Do not reverse phase and neutral during installation;
- ✓ Do not use the equipment under rain and avoid impacts that may damage its structure;
- ✓ Keep the equipment in a dry place;

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