

# Simulate a single or tri-phase current load

## 4.5 kW Load simulator

### FUNCTION

The 4.5 kilowatts current load simulator aims to load the electrical network to help testing industrial electricity meters during installation. It helps to reduce the response time of operators.

### PRINCIPLES OF USE

The connections to the 3 phases and neutral are made easily using "crocodile" clips.

The measurement terminals are on the front face of the case.

One LED indicates that a cycle is in progress, another indicates the end of the cycle.

A switch on the front face enables loading each phase by resistors to simulate a load of 1.5 kW or 4.5 kW.

This same switch also allows loading phase 1 with three resistors of either : 1.5 kW, 3 kW or 4.5 kW.

A digital indicator on the front face displays the power taken.

The injection by the instrument is automatically stopped after 12 min.

This 4.5 kW loading simulator features thermal protection to avoid overheating.

No earth connection is necessary, as the set insulation is to Class 2.

The case is protected against connection inversions between phase 1 and neutral (power supply).



### TECHNICAL CHARACTERISTICS

Power supply	230/400 V AC
Dimensions	474 x 415 x 214 mm
Weight	10 kg
Degree of protection	IP 22
Consumption	6.5 A per phase
Principle of operation	Resistive technology load



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