

PRL100F

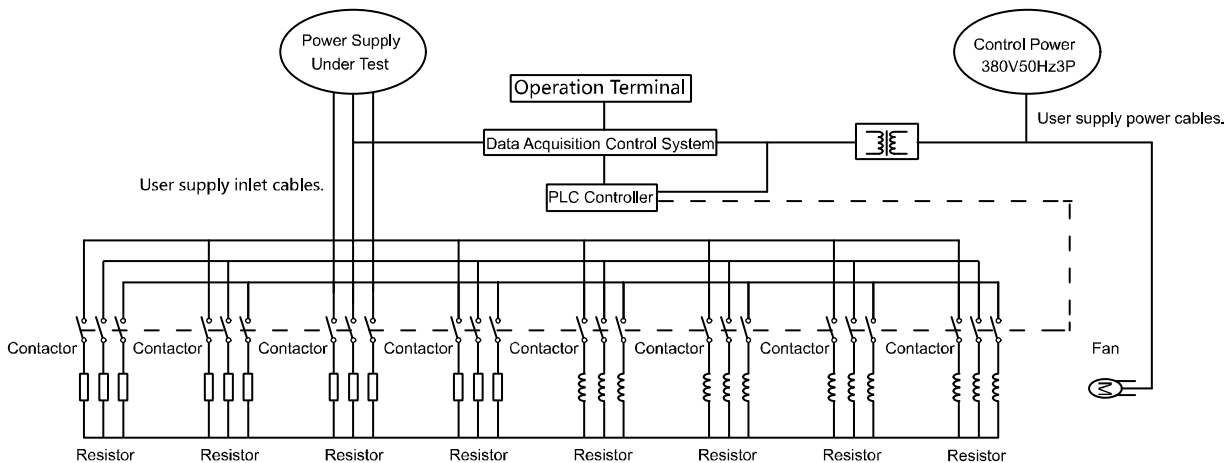
Resistive Load Bank

Resistive load bank is a type of detection and maintenance equipment for power supply, for example generator set, UPS and transmission facility. It can be used for loading ability test of a new genset as well as daily inspection of a backup genset.

Model	PRL100F
Tested voltage	AC380~415V 3P
Tested frequency	50Hz
Load type	Resistive
Rated power	100kW
Power factor	1.0
Connection type	Star (3P&4 wires)
Load precision	±3%
Phases imbalance	≤3%
Duty	Continuous
Cooling system	Forced air cooling
Control method	Auto
Control software	Econtrol
Insulation class	F
Ingress protection	IP54
Structure type	Stationary
Power supply	380~415VAC 3P&4W



Working Principle



Design Standards

- ISO 8528
- GJB 1488-1992
- GJB 235A-1997
- YD/T 502-2007
- GB/T 1029-2005
- GB/T 3797-2005

Test Items

- Continuous running
- Sudden load change
- Wind protection
- Starting capability
- High tem. capability
- Rainproof capability
- Safety functions

Protection Functions

- Resistor high temperature
- Air supply volume by fan
- Fan malfunction
- Over voltage
- Under voltage

Control Panel

