



Single and Three Phase Resistive Load

Nvis 7067



Nvis 7067 Single and Three Phase Resistive Load is a high wattage resistance network suitable for loading Single Phase and Three Phase supplies and generators. The load banks are used to verify the performance of power sources. However real loads are unpredictable and random in value hence standard loads are used to stimulate environment for testing power sources.

It is designed in robust enclosure. It consists of three banks of switched resistive loads. These three banks can be used with Single Phase and Three Phase Systems. Each bank of resistors is electrically isolated and separate terminals for each phase are provided on panel through a star/delta switch. The user can switch between star and delta very easily.

MCB's are used to change the resistance of the load. The resistive load is equipped with a cooling fan to reduce the temperature. The load is mounted on a trolley to provide facility of easy movement in laboratories.

Features

- Suitable for Single and Three Phase Operation
- Star/Delta Switch for easy conversion
- Suitable for both static and rotating machines
- Five selectable load values on each bank
- Suitable for balanced and unbalanced load Conditions
- MCBs are used to switch values and provide protection at the same time
- Provided with cooling fan for heat suppression
- Designed by considering all the safety standards
- Equipped with Supply Indication Lamps
- Provide with trolley for flexible movement



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Technical Specifications

Single Phase Operation

Voltage	: 240V AC \pm 10%, 50Hz
Current	: 15A
Power	: 3.5kW
Loading steps	: 15
MCBs	
Current rating	: 10A (SP)
No. of MCBs	: 15

Three Phase Star Operation

Voltage	: 415V AC \pm 10%, 50Hz
Current	: 5A (per Phase)
Power	: 3.5kW
Loading steps	: 5 (per Phase)
MCBs (acts as a switch)	: 10A (SP)

Three Phase Delta Operation

Voltage	: 415V AC \pm 10%, 50Hz
Current	: 15A (per Phase)
Power	: 10.5kW
Loading steps	: 5 (per Phase)

MCBs

Current rating	: 10A (SP)
No. of MCBs	: 15
Auxiliary Supply for fan	: 230V AC, 50Hz
Star/Delta Switch	: 415V, 25A
MCB	: 16A (TPN)
Dimensions (mm)	: 460 W x 740 D x 590 H
Weight	: 45kg (approximate)
List of Included Accessories	: Learning Material, Patch Cords



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