



46650 Single and Three Phase Load is a high wattage 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 loads. These three banks can be used with Single Phase and Three Phase Systems. Each bank 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.

Toggle Switches are used to change the the load. The 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:

01. Suitable for Single and Three Phase Operation
02. Star/Delta Switch for easy conversion
03. Suitable for both static & rotating machines
04. Five selectable load values on each bank
05. Suitable for balanced and unbalanced load Conditions
06. Switches are used to switch values and provide protection at the same time Provided with cooling fan for heat suppression
07. Designed by considering all the safety standards
08. Equipped with Supply Indication Lamps
09. Provide with trolley for flexible movement
10. 2 Year Warranty

Technical Specifications:

Single Phase Operation

Voltage	: 240V AC \pm 10%, 50Hz
Current	: 15A
Power	: 3.5kW
Loading steps	: 45
No. of Switches	: 45

Three Phase Star Operation

Voltage	: 415V AC \pm 10%, 50Hz
Current	: Amp. per Phase Resistance 5A Inductance 7A Capacitance 4.5A
Power	: 3.5kW
Loading steps	: 5 (per Phase)

Three Phase Delta Operation

Voltage	: 415V AC \pm 10%, 50Hz
Current	: Amp. per Phase Resistance 15A Inductance 16A Capacitance 12A
Power	: 10.5kW
Loading steps	: 5 (per Phase)
No. of MCBs	: 03
Auxiliary Supply for fan	: 230V AC, 50Hz
Star/Delta Switch	: 415V, 25A
MCB	: 16A (TPN)
Dimensions (Inch)	: 116 W x 67 D x 202 H
Weight	: 400kg (approximately)
Included Accessories	: Learning Material, Patch Cords

Note: Specifications are subject to change.

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