

Resistor Load Bank

Type Reoload 100

A variable resistor load bank with fixed stages connected in parallel and switched in, as required, with an adjustable stage for fine trimming. Designed for testing equipment under load.

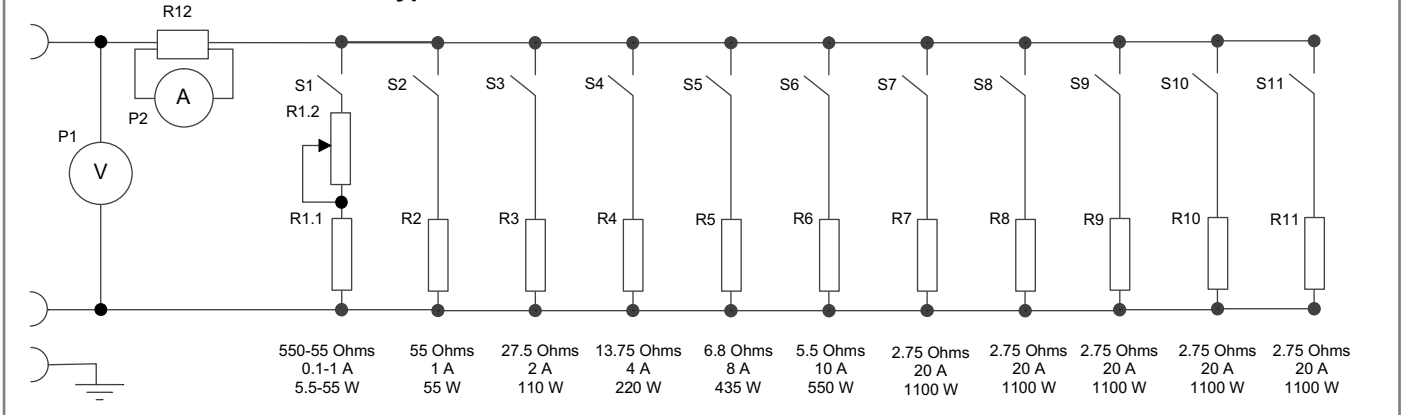
The REOLOAD 100 series are constructed to match test application requirements. Virtually any combination of voltage, current and resistance range can be provided up to the maximum ratings of 1000V (AC or DC), 250A and 2500

The units are constructed in an IP10 enclosure, designed to accept standard 19" racking. The approximate dimensions are 600mm wide x 800mm deep x 1125mm high. Castors are fitted to provide manoeuverability and these can be locked once the unit is in position. A mesh over the top and in the bottom allow good circulation of cooling air, which is fan assisted. A 230V supply is required to drive the fans.

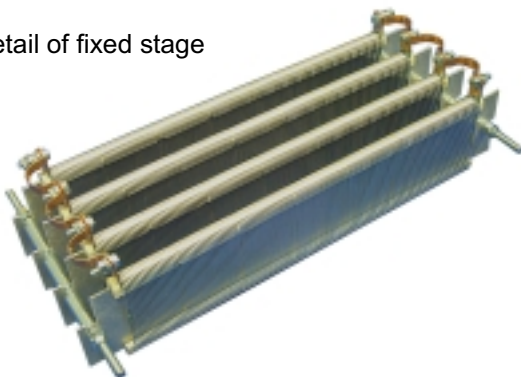
Laboratory terminals are provided for connecting to the equipment under test and fitted in the front panel are two 96 x 96 Class 1.5% panel meters for displaying true RMS voltage and current.



A typical circuit for a 110A, 6.9 kW, load bank



Detail of fixed stage



Technical Information

- Maximum Voltage: 1000V AC or DC
- Maximum Current: 250A
- Maximum resistance: 2500
- Resistance tolerance: +/-5%
- Construction: IP10
- Maximum ambient temperature: 40°C
- High potential test: 3kV, AC
- Colour: RAL 7035 and RAL 5015
- Supply voltage (cooling): 230V, 1.2A 50Hz

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