



Grid Resistors: Load Steps and Resolution

By Daniel Featherstone

STANDARD BANKS

GRE1 and GRE2 Series grid resistor banks are designed to include 10 % load step resolution. Each GRE1 terminal tap is constructed using a standard NEMA 2 hole pattern and each GRE2 terminal tap is constructed using a 1/2 inch hole. The customer can manually contact terminal R1 in combination with any other terminal, R2 to R11, to achieve the power and resistance required for load testing.

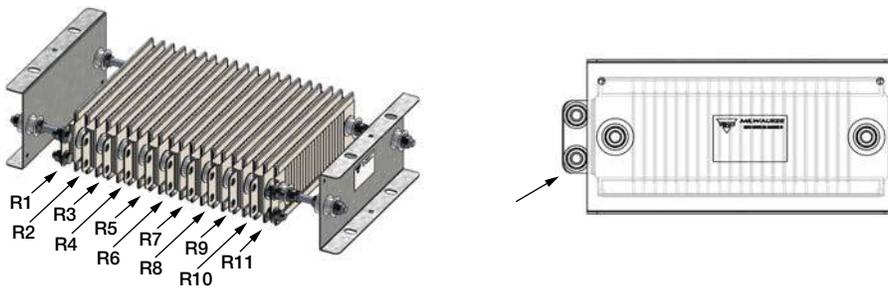


Fig. 1 - GRE1 Series Grid Resistor Terminal Tap

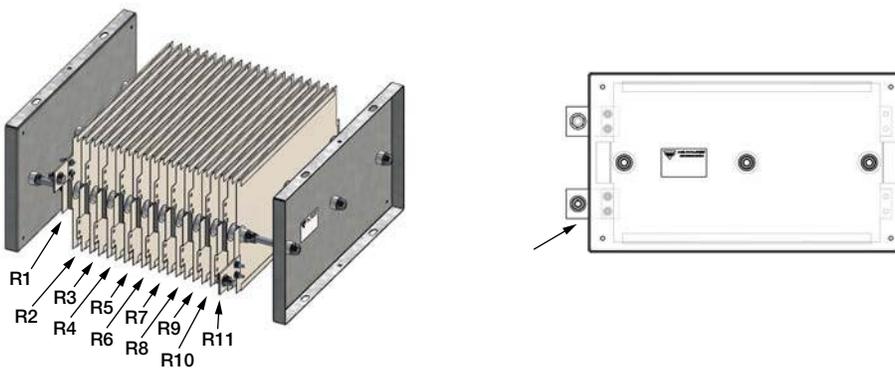


Fig. 2 - GRE2 Series Grid Resistor Terminal Tap

Grid Resistors: Load Steps and Resolution

CUSTOM BANKS

Custom-designed load banks can be designed with customer-specific load step resolution. As shown below, combinations of wirewound and grid resistors can be used to achieve specific resolutions.

Load Steps Using Wirewound Resistors



GRE1 datasheet	www.vishay.com/doc?31833
GRE2 Application Form	www.vishay.com/doc?31875
Load Bank Application Form	www.vishay.com/doc?49893