

Abstract

Problem

To provide a load testing apparatus including an array of resistors allowing efficient internal wiring.

Solution

A load testing apparatus according to the present invention includes a resistance unit configured with a plurality of resistor-groups arranged in stages, each resistor-group including an array of resistors, and a coupling switch unit including a main body, a switching unit for controlling resistor-groups used for a load test among the plurality of resistor-groups, and a first bus bar coupled to a first terminal of the switching unit and one of power source lines from a power source subjected to the load test. A terminal of the resistor of the resistor-group is coupled to a second terminal of the switching unit. The main body includes a first face and a second face vertical to the first face, the switching unit being attached to the first face, the first bus bar being attached to the second face via an insulator with a certain gap between the first bus bar and the second face. The coupling switch unit is detachably attached to the resistance unit so as the switching unit to be positioned between the first bus bar and the terminal of the resistor coupled to the switching unit via a cable.