

ABSTRACT OF THE DISCLOSURE

VACUUM INSULATED SWITCHGEAR

Disclosed is a vacuum insulated switchgear including a bus section panel adapted to allow both an on/off state of a housing-contained circuit breaker and earthing switch, and a connection state of busbars to be confirmed structurally and visually from the front of the panel.

The vacuum insulated switchgear comprises: a housing enclosing a control compartment, a switch compartment, and a busbar compartment, each of the three compartments being partitioned by a metallic earthing plate; a first busbar and second busbar extended from an adjacent panel, in the busbar compartment; and a first busbar-connecting bushing and second busbar-connecting bushing making the first and second busbars connectible/disconnectible; a double-breaking three position vacuum switch, two sets of earthing switch, the first busbar-connecting bushing, and the second busbar-connecting bushing being integrally molded to form a switch provided on an electrical phase-by phase basis independently, wherein the switches for three phases are arranged in order side by side in the housing, in a longitudinal direction of the housing as viewed from its front; and the first busbar-connecting bushing in each switch is located to the left side of the housing front, and the second busbar-connecting bushing is located to the right side of the housing front.

Figure. 1