

SWITCHGEAR

ABSTRACT

A switchgear comprising a case partitioned into a high voltage bus bar chamber, which contains bus bars and cable heads, a high voltage device chamber containing circuit breakers and operation mechanisms and a low voltage control chamber containing a relay and measurement devices, etc, wherein the case is constituted by a rear wall, a front wall opposed to the rear wall, a bottom wall, and a top wall opposed to the bottom wall. The rear wall has a first suction port disposed at a lower part thereof, wherein the high voltage bus bar chamber, high voltage device chamber and the low voltage control chamber are communicated and air passing through the chambers is discharged from a first discharging port of the casing. The bus bars electrically connecting the high voltage devices in the high voltage device chamber and connecting bars connecting the adjoining bus bars and the cable heads are covered with solid insulators for solid-insulation.

(Fig. 1)