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Abstract

Gas-insulated switchgear assembly having a three-phase busbar system

A gas-insulated switchgear assembly having busbars for a three-phase busbar system, in particular for medium-voltage technology, and having a number of circuit breakers (which can be controlled via switch disconnectors), and panel or cable connections, corresponding to the number of poles to be switched.

Each busbar system is accommodated in a hermetically sealed busbar module (SM1,2) within a busbar area (SR) of the switchgear assembly, and the busbars are arranged horizontally in the busbar module (SM1,2) and vertically in the outer area of it.

The busbar module (SM1,2) can be connected by means of screw couplings (SK...) for panel expansion and each circuit breaker is accommodated in a circuit breaker module (LS...) inside the switchgear assembly, with each busbar module (SM1,2) being electrically conductively connected to the corresponding circuit breaker module (LS...) by means of a module coupling (MK...)

Figure 1



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