

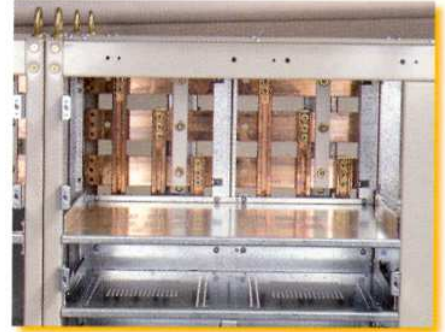
From technology to concepts

BUSBAR SPACE

Horizontal busbar sets

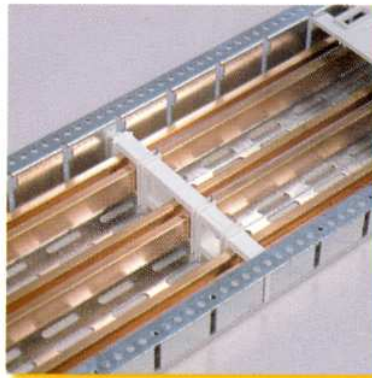
Housed in an insulated compartment in the upper section, the horizontal busbar set can be accessed from the front or top. There can be one or several stripped copper busbar sets per phase on functional moulded polyester + glass fibre compound supports (UL94-V0). All busbar ends are standardised, drilled and fish-plated to ensure inter-cell continuity.

The neutral is located in the lower section and can be accessed from the front panel for four pole-terminal versions.



Vertical busbar sets

Three or four C-profiled copper strips - the vertical busbar sets - are housed in an insulated space behind the switchgear compartment. The insulated pin passthrough shielding and the supports are made from moulded polyester + glass fibre compound (UL94-V0).



Called the distribution shield, this sub-assembly is assembled separately and inserted from the front of the column.

Columns can be equipped with two distribution shields (3 or 4 phases). It is also possible to include phase separators to insulate the copper profiles from each other.

Safety leads

Metal mass electrical continuity, depending on the short-circuit current, is via 200mm², 250mm² or 380mm² stripped copper safety leads bolted to the structure.

This circuit comprises:

- A horizontal lead in the lower section
- A vertical lead in the connection compartment enabling connection of the safety leads of each external conductor.