

## SPECIFICATION TEXT

### GLS 63-2500 A



#### Lighting Busbars

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- Busbar trunking must comply with IEC 61439 and report the CE mark
  - Rated operational current at room temperature:  $T_{med24h} = 41 \text{ } ^\circ\text{C}$  (24-hour average).
  - Rated insulation voltage  $U_i = 1000$
  - Operational insulation voltage  $U_e = 230/400 \text{ V}$  at 50 Hz frequency
  - IP55 protection degree
  - Configurations: 2 - 4 - 2+2 - 6 (4+2) - 8 (4+4) poles and protective conductor made by the housing.
  - In 6 and 8-pole systems the conductors have to be in line and not side by side. Between one circuit and another there is a mechanical and not removable separation made in aluminum coextruded with the housing.
  - Copper conductors.
  - Aluminum protective housing composed of two interconnected parts.
  - Fast jointing system, with joint made by high resistance aluminum connection piece
  - The tap of boxes 10 and 16 A have the current pin contacts shaped to have an optimum performance contact surface with the conductor, and can be mounted on any type of busbar from 2 to 8 P.
  - The plug-in points are spaced by 1 meter and at the request every 0.5 meters. In the 6 and 8 P system the plug-in points must always be on one side only.
  - Maximum distance between two consecutive suspension hangers: 3 m. The busbar line must include standard 3 m straight elements, end feed boxes and end caps.