

SPECIFICATION TEXT

GLS 25-63 A



Lighting busbar system

- Busbar trunking must comply with IEC 61439 and report the CE mark
- Rated operational current at ambient temperature: $T_{med24h} = 41^{\circ} C$ (24-hour average).
- Rated insulation voltage $U_i = 750$
- Operational insulation voltage $U_e = 400 V$ 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.