

SPECIFICATION TEXT

GDA 63-2500 A



Plug-in busbar

Subject: Busbar trunking system from 63 A to 2500 A for the current distribution

Dimensional characteristics variables

Pole for rated current in A

SPECIFICATIONS BINDING QUALITY

Busbar trunking system with aluminum conductors UNI 3570 or electrolytic copper with 99.9 ETP one-bolt joint and protective casing made of aluminum. The outer casing shall perform the function of the PE conductor and ensure electrical continuity throughout the duct.

The aluminum conductors have a special profile "H" to take advantage of the skin effect.

3P + N system with neutral section equal to that of phase and protective conductor made from the foil section with always greater than the phase.

Degree of protection IP50 can be increased up to IP55 (certificate).

The system is suitable for installation on ceiling, wall, riser without derating.

Electrical data

Rated currents: A 63-100-160-250-400-500-630-800-1000-1250-1600-2000-2500

Rated operational current at room temperature: $T_{med24h} = 43^{\circ} C$ (24-hour average).

Rated insulation voltage U_i : 1000 V

Rated frequency: 50-60 Hz

Short-circuit withstand of short duration, three-phase for 1 s: 5 to 50 kA (see data sheet).

Straight elements

Rectilinear elements standard 4 m in order to minimize the number of joints. There are elements of measurement from 0.3 to 3.99 m.

Are available up to 8 points derived for each side of the duct.

The maximum distance between two consecutive suspension brackets is 3 m.

Special Items

They are made to measure rectilinear elements, corner, two corners, with or without a terminal units required to make each type of route.

Connections to the panels

Connection terminals for connection to the panels with the help of flexible terminals.

Tap-off boxes

Tap off boxes are plug-in type with IP55 degree of protection, inserted under voltage with rated currents of 32-63-125-250-400 A

Contact gripping current silver and shaped so as to have a good surface contact with the conductor, inserted every meter on the conduit.

The junction boxes for currents of 32 A may be in the version with fuse bases type 10.3×38 or prepared for the mounting of a modular switch.

The junction boxes 63 A, 125 A, 250 A and 400 A, can be sectioned version with fuse bases respectively type NH00, NH1 and NH2 or prepared for the mounting of a modular switch.

Spine-derived imbullonate on the coupling with rated currents of 630-800-1000-1250 A version with disconnectors or fuse set for housing circuit breakers (MCCB).

Accessories

End feed boxes or intermediate feed boxes and end caps.

Any REI 120 fire resistant wall bushing.

Suspension systems for horizontal or vertical lines.

REFERENCE STANDARDS

IEC 61439/1-6

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CEI EN60529

CE Marking

ISO9001 Certification

REQUIREMENTS AND TESTS

Certificates of type

Routine tests (test reports available on request)

DOCUMENTATION ACCOMPANYING THE PRODUCT

Declaration of compliance with the manufacturer's product

Datasheets

Installation, use and maintenance.

BRAND / THAT REFERENCE