

Multi Service Distribution Boards

GFP 10 - 315A rated 10 Way,

Horizontal distribution boards with incoming triple pole J type fuse links

Overview and Presentation

All insulated horizontal distribution boards equipped with 10 outgoing 100A rated fuse ways. Fitted with triple pole incoming BS88 J type slotted fuse holders. Incoming connection via cable lugs or mechanical shear-off connectors. For indoor installation only.



Shown with incoming terminal chamber cover in place

Features

- Interlocking upper and lower covers giving access firstly to outgoing ways followed by access to incoming terminal chamber
- Fully rated Neutral and Earth bars Incoming terminations via mechanical connectors with shear-off heads for 95mm² to 185mm² section conductors
- Facility for incoming lug connection
- Sealing wire facility removable N/E link for use with CNE and SNE systems
- Internal transparent screen over N/E bars and outgoing cables
- 3 position entry for incoming supply cable Keyhole fixings on uppermost body attachment points
- Two external M12 earth studs

Note: The equipment described on this data sheet must be installed by suitably qualified personnel according to applicable Local / National Wiring regulations currently in force.

Low Voltage - Cut Outs

Internal equipment

- Internal equipment Factory fitted with BS 7657 100A rated SP outgoing ways (BS88 30 x 57mm cylindrical cartridge fuses, not supplied) Serrated cable bores on 100A outgoing way
 - Accepts up to 35mm² solid or stranded
 - Conductors Incoming J type fuse ways accept BS 88
 - Slotted tag fuses with 82mm centres

Construction

- Body mouldings..... Glass re-inforced polyamide 6
- Terminal blocks..... Brass
- Transparent terminal shield..... Polycarbonate
- Cable shrouds Synthetic nitrile rubber
- L, N and Earth metalwork..... Electro-tin plated copper

Performance data

- Rated voltage..... 415V a.c.
- Busbar rating..... 315A nominal
- Supply frequency..... 50-60Hz
- Rated insulation voltage..... 690V a.c.
- Flammability rating..... V2, self extinguishing
- 30 seconds at 960 degrees C Short circuit withstand current 18kA for 1 second
- Operator protection;
 - In service condition, all covers and fuse carriers in place..... IP3X
 - Outgoing cover removed, shrouds in place.... IP2X
- Recommended N/E terminal torque..... 3.5Nm

Conformity to Standards

- Third party tested to BS EN 60439-1
- Designed to draft ENA Technical Specification for MSDBs
- IP rating according to BS EN 60529
- Outgoing 100A rated fuse ways conform to BS 7657:1993
- RoHS compliant

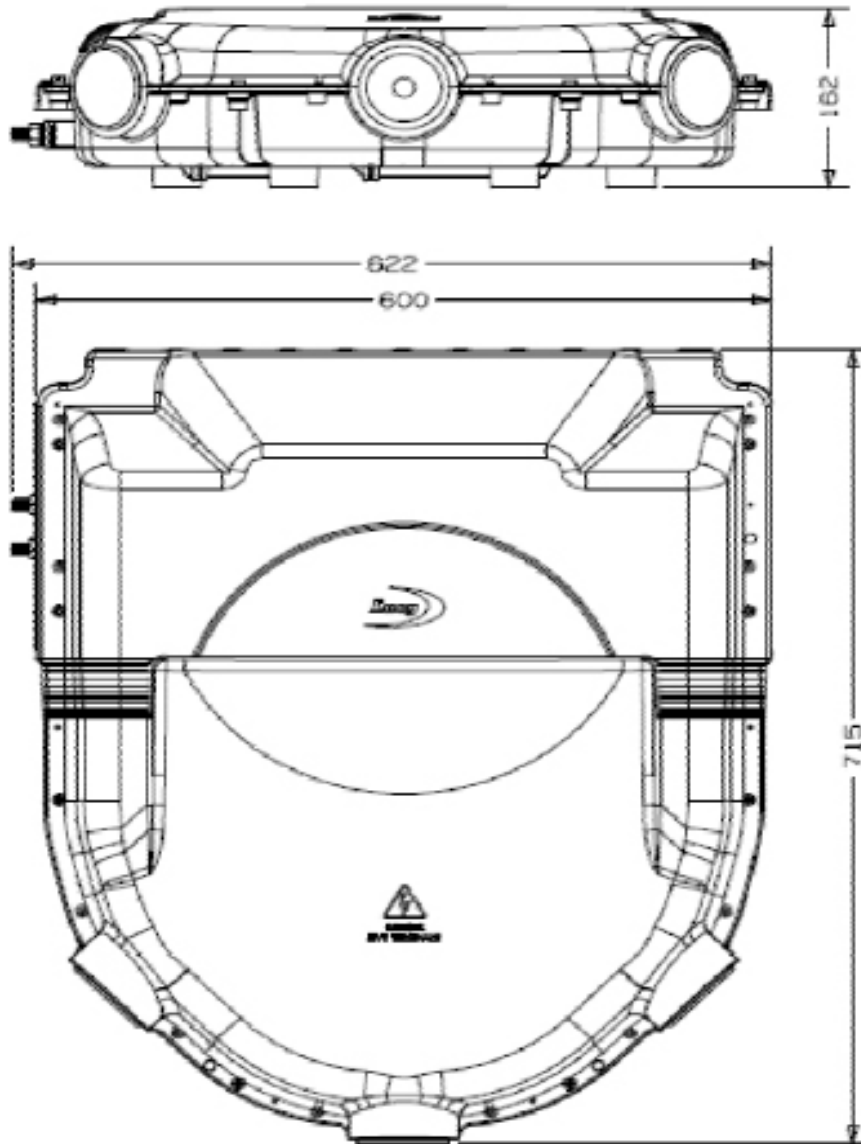
Dimensions

- Enclosure height..... 715mm
- Enclosure width..... 622mm
- Enclosure depth 220mm
- Upper fixing centres..... 37cms
- Lower fixing centres..... 18cms
- Spacing between fixing centres..... 50cms

Weight (excluding all fuses)

- Ex works net weight..... 17.8kgs

General arrangement and dimensions (mm)



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