

Heavy Duty Cut Out MC300 SP, 300A Rated

Overview

Fully enclosed fuse carrier assembly to accept either BS 88 J type fuses with 82mm centres or solid links in the case of the MC300N Neutral variant. (Separate data sheet) choice of 3 terminals with different capacities for incoming or outgoing circuits.



Features

- Robust all insulated construction
- Fine pitch thread for fuse holder wedge tightening screws
- Maximum incoming cable size 185mm²
- Drillings in both thumbscrews for 1mm locking wire
- Constant alignment fuse prongs
- Cable clamp accepts circular or delta section conductors in copper or aluminium
- PVC membrane glands for cable entry and exits
- 4 x M6 pinching screws per conductor

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

Construction

- Enclosure..... Polyester DMC
- Contacts..... Electro tin plated brass
- Cable grommets.....Flexible PVC
- Cable clamping screws..... Passivated steel
- Fuse tang clamping wedges.....Brass

Performance

- Incoming supply.....Max 300A
- Supply voltage.....415A a.c.
- Supply frequency..... 50-60Hz
- Rated insulation voltage.....690V ac
- Short circuit withstand strength.....18kA
- Flammability rating.....UL94 VO
self-extinguishing 30 seconds at 960° C
- Tracking index (CTI).....>600

Operator Protection

- Fuse handles in place..... IP3XB

Conformity to Standards

- Complies with ENATS 37-2
- IP rating to BSEN 60529

Dimensions

- Height.....163mm
- Depth.....136mm
- Width.....76mm

Weight

- Net weight..... 1.325kg

Fixing details

- Two 5mm countersunk holes in base of unit at 51mm centres

Clamp Fitting Types



Type 1 Clamp Fitting
For 35mm² to 120mm²

Torque Setting - 3.5Nm



Type 2 Clamp Fitting
For 185mm²

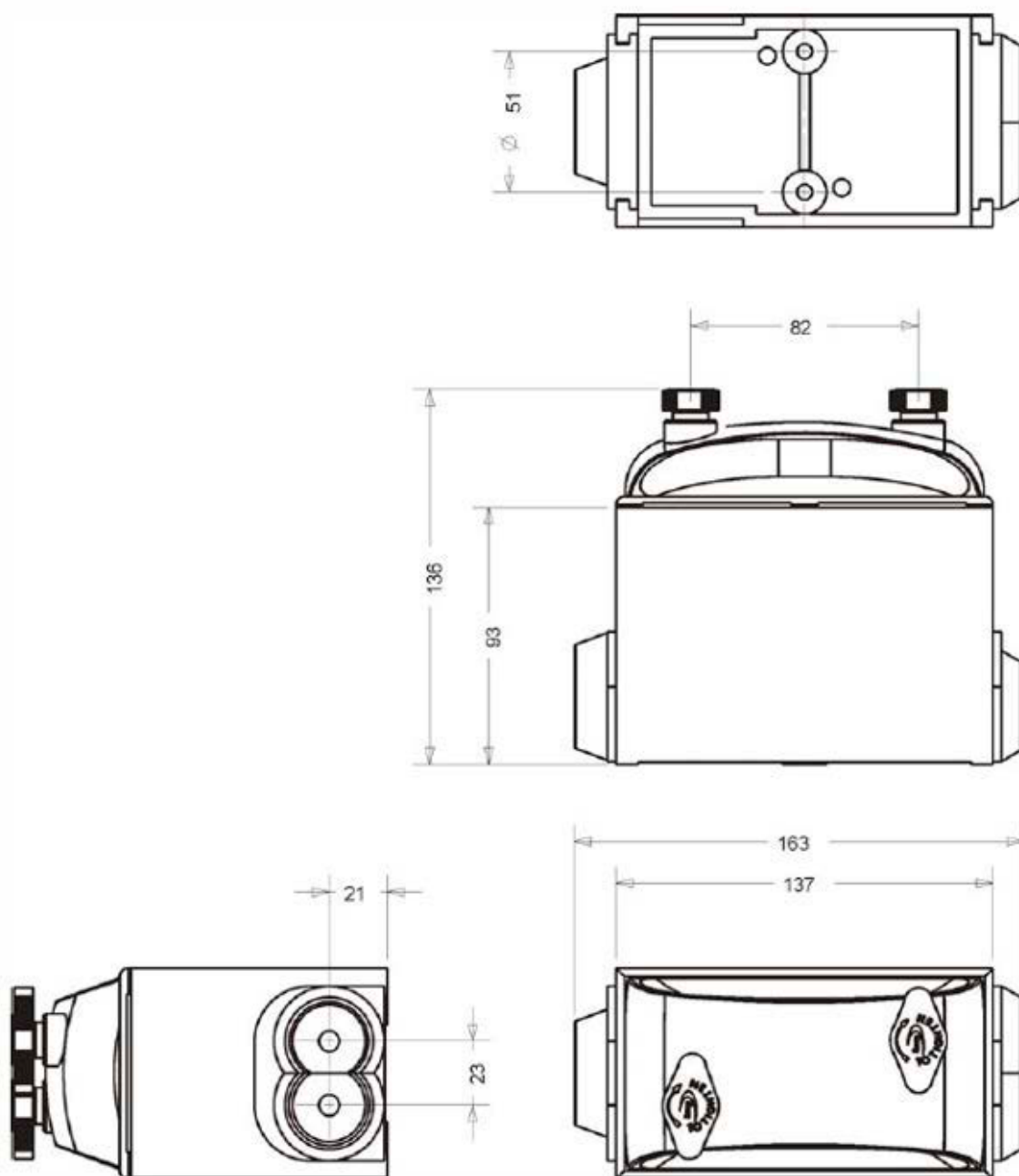
Torque Setting - 3.5Nm



Type 3 Clamp Fitting
For 95 mm²

Torque Setting - 3.5Nm

General arrangement diagrams (dims in mm)



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