

Technical Datasheet

Heavy Duty Cut Out MC300 Neutral, 300A Rated

Overview

Board mounting enclosure to accept solid neutral links available with a choice of three terminal types for incoming or outgoing conductors.



Features

- Robust all insulated construction
- Maximum incoming cable size 185mm²
- Drillings in both thumbscrews for 1mm locking wire
- Constant alignment neutral link 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
- Neutral Link.....Electro-tin plated copper

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.....167mm
- Depth.....124mm
- Width.....76mm

Weight

- Net weight..... 1.41kg

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**

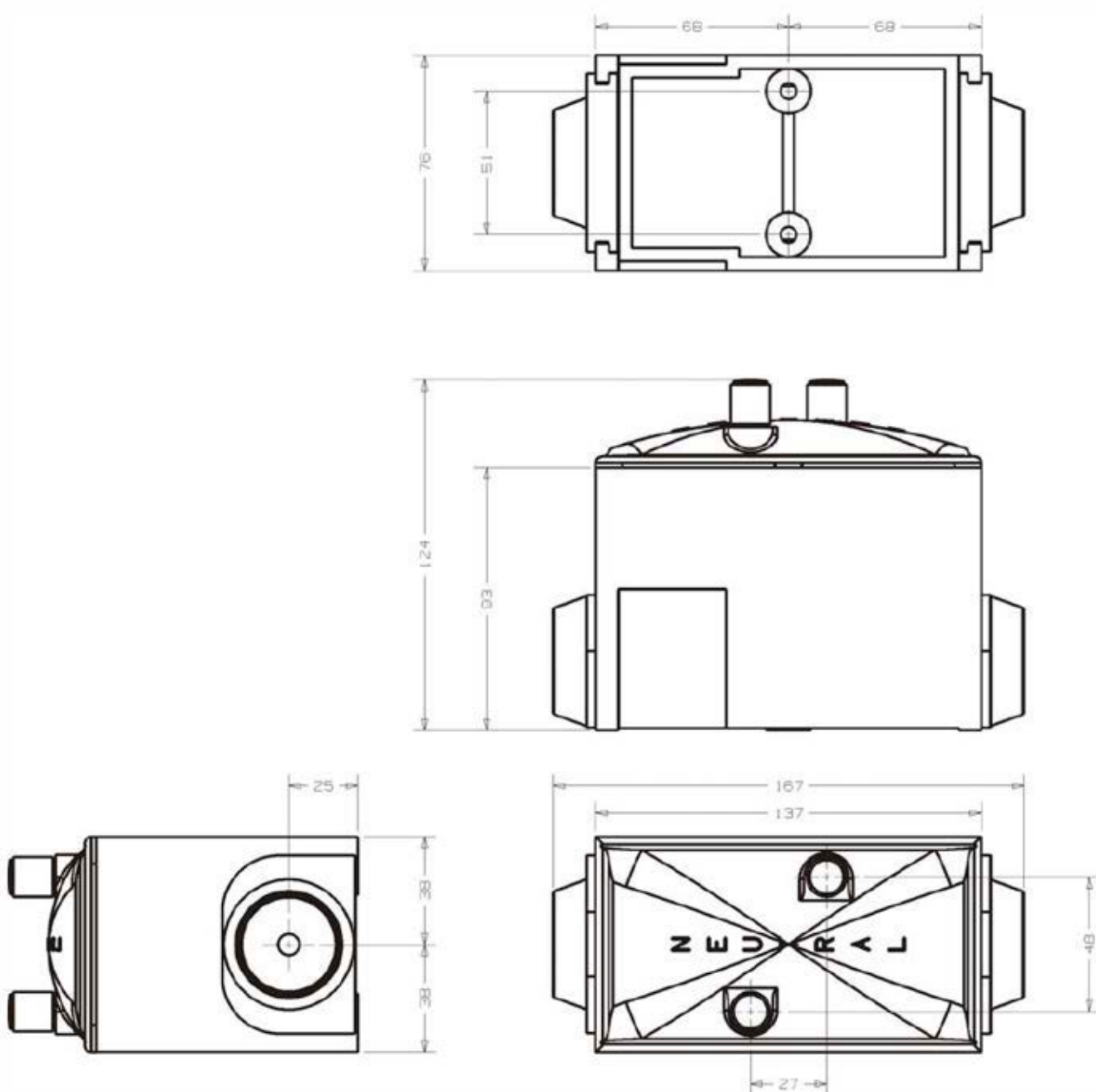
Torque Setting - 3.5Nm



**Type 3 Clamp Fitting
For 95 mm²**

Torque Setting - 3.5Nm

General arrangement diagrams (dims in mm)



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