

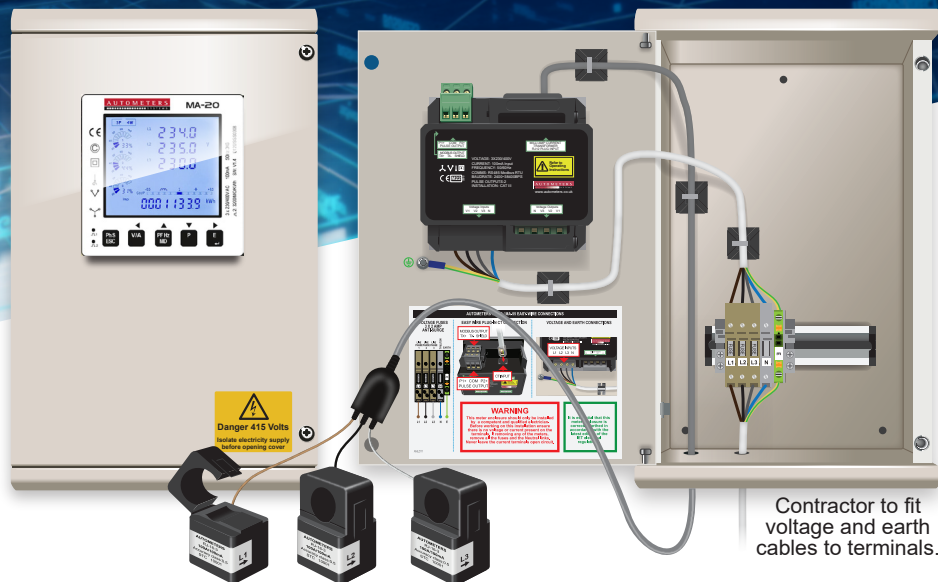
SA-2-UE-1-MA-20

QUICK-CONNECT PANEL METER KIT 2 INSTALLATION GUIDE

AUTOMETERS
SYSTEMS

- MID approved, appendix "B" & "D"
- Quick-Connect plug-in Current Transformer
- 4 Programmable tariffs
- RS485 Modbus output
- Pulse output

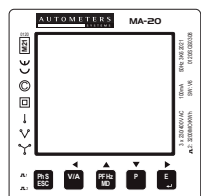
HORIZON
Energy Monitoring and Invoicing



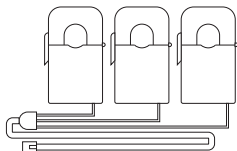
UE-1-MA-20 Kit 2 Components

(items not shown to scale)

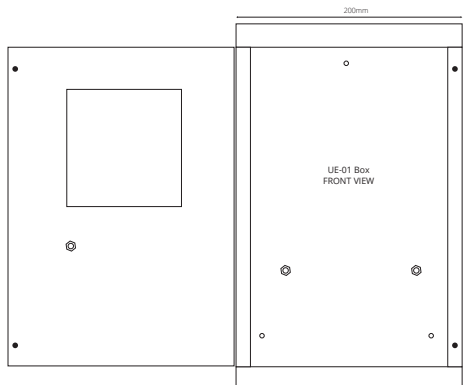
Fig 1. Showing self assembly kit 2 fully installed.



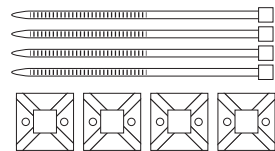
MA-20 Meter



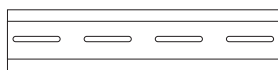
Plug-in CTs



UE-1 Metal Enclosure



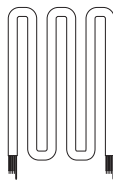
4x Adhesive cable clips and ties



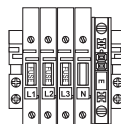
DIN rail



2x DIN rail screws



Cable harness, voltage terminals and earth connection



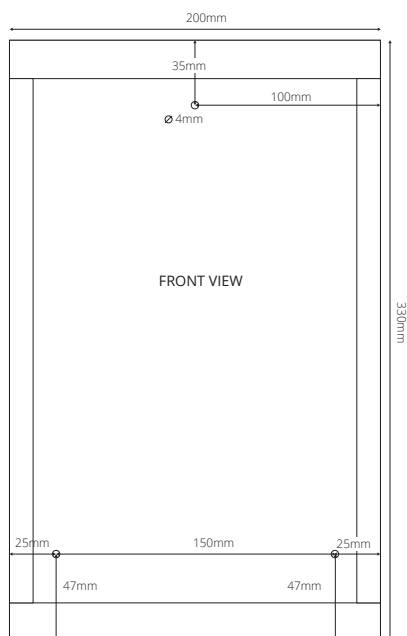
Lock washer and nut (pre - fitted into cover)



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AUTOMETERS
SYSTEMS



1. Prepare wall and enclosure for fixing:

- Offer enclosure to wall and mark out fixing holes on wall, and cable entry hole on enclosure.
- Drill holes in wall.
- Drill cable entry hole in enclosure and fit appropriate sealing grommet.

2. Fit meter into enclosure cover

Push meter through from the front of the enclosure.

3. Affix DIN rail to enclosure

Secure with 2x DIN rail screws and clip fuses, neutral, and earth onto DIN rail. Secure end blocks onto DIN rail.

4. Fit voltage cable loom

(see diagram below)

Ensure all connections are correct as per diagram below the meter.

5. Attach enclosure to wall using appropriate fixings.

6. Insert current cable into enclosure and plug into top of meter as per diagram

(see diagram below)

7. Wire mains voltage and earth into terminals

8. Fit terminal covers and secure with seals provided.

9. Programme the meter to match the current transformers supplied. See leaflet supplied.

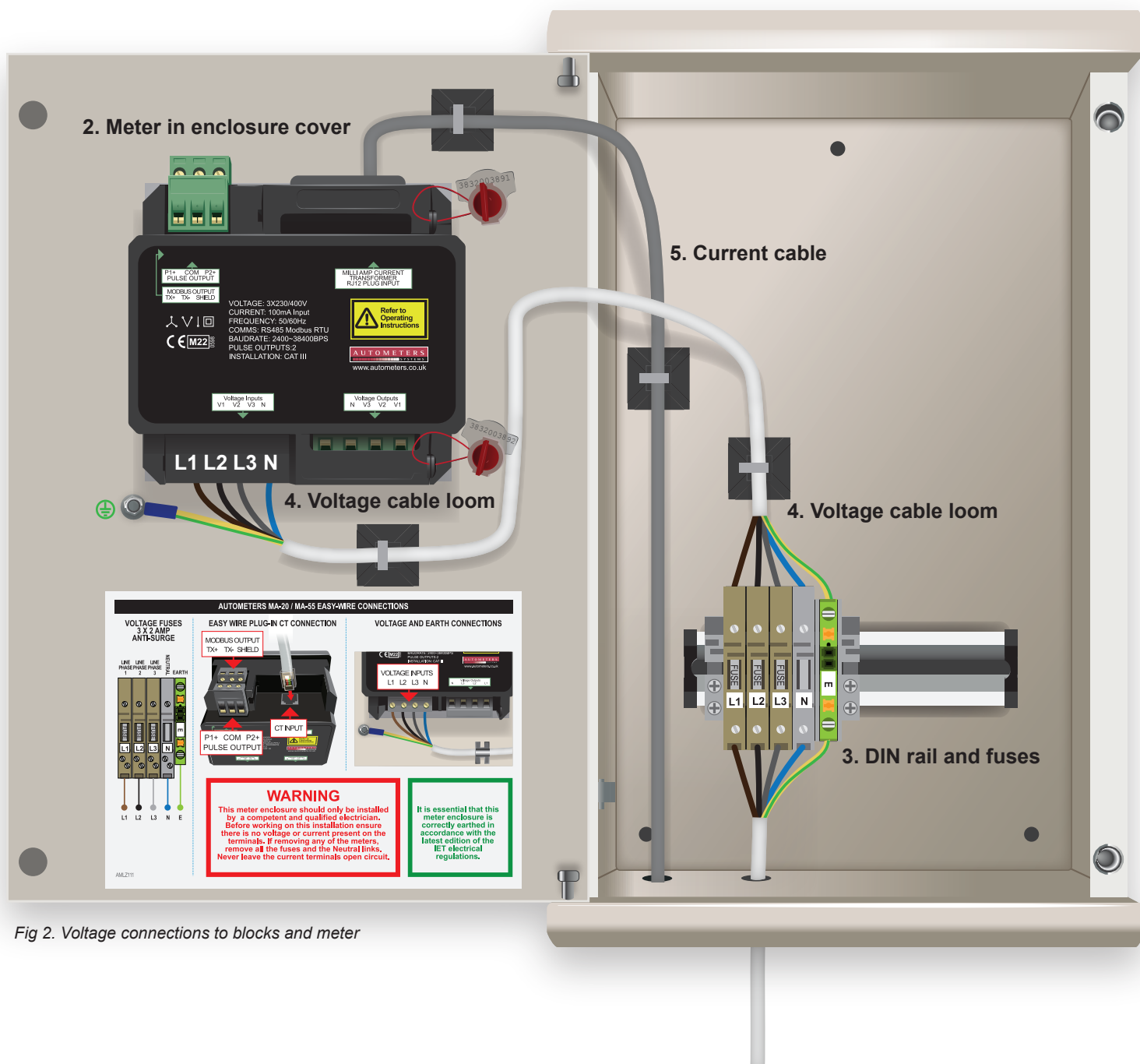


Fig 2. Voltage connections to blocks and meter