

# SA-1-UE-1-MA-20

AUTOMETERS  
SYSTEMS

## QUICK-CONNECT PANEL METER KIT I INSTALLATION GUIDE

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

**HORIZON**  
Energy Monitoring and Invoicing

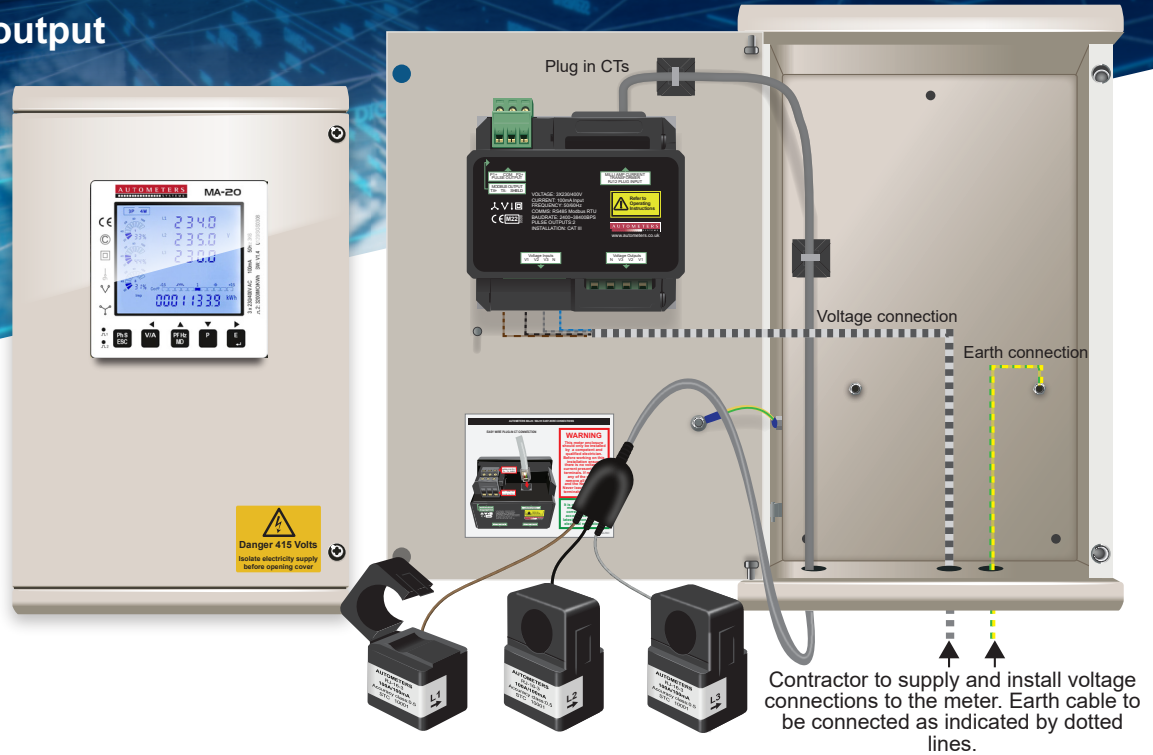
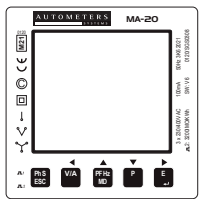


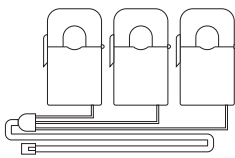
Fig 1. Showing self assembly kit 1 fully installed.

## UE-1-MA-20 Kit 1 Components

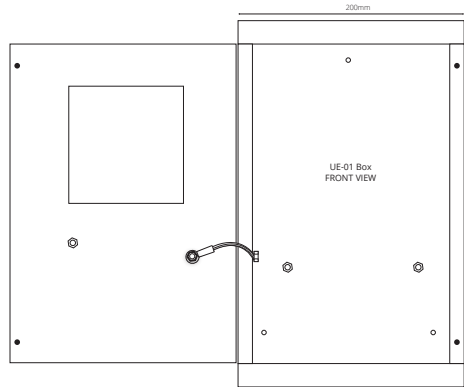
(items not shown to scale)



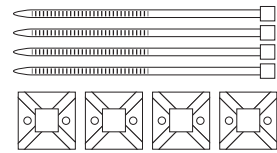
MA-20 Meter



Plug-in CTs



UE-1 Metal Enclosure



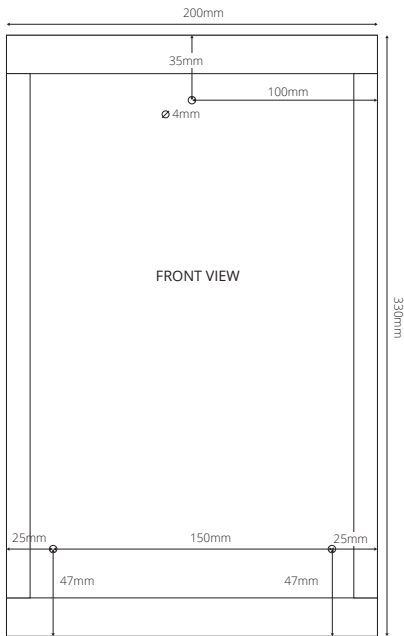
4x Adhesive cable clips and ties



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**1. Attach enclosure to wall:**

- a. Offer enclosure to wall and mark out fixing holes on wall, and cable entry hole on enclosure.
- b. Drill holes in wall.
- c. Drill cable entry hole in enclosure and fit appropriate sealing grommet.
- d. Attach enclosure to wall using appropriate fixings.

**2. Fit meter into enclosure cover**

Push meter through from the front of the enclosure.

**3. Insert current cable into enclosure and plug into top of meter as per diagram (see diagram below)**

**4. Insert voltage cable(s)**

Insert cable(s) into enclosure and wire to back of meter as per diagram below

**5. Secure current and voltage cables with 4 fixing pads supplied**

**6. Insert Earth cable and affix to earth point**

**7. Fit terminal covers on the back of the meter and secure with seals provided.**

**8. Programme the meter to match the current transformers supplied.**

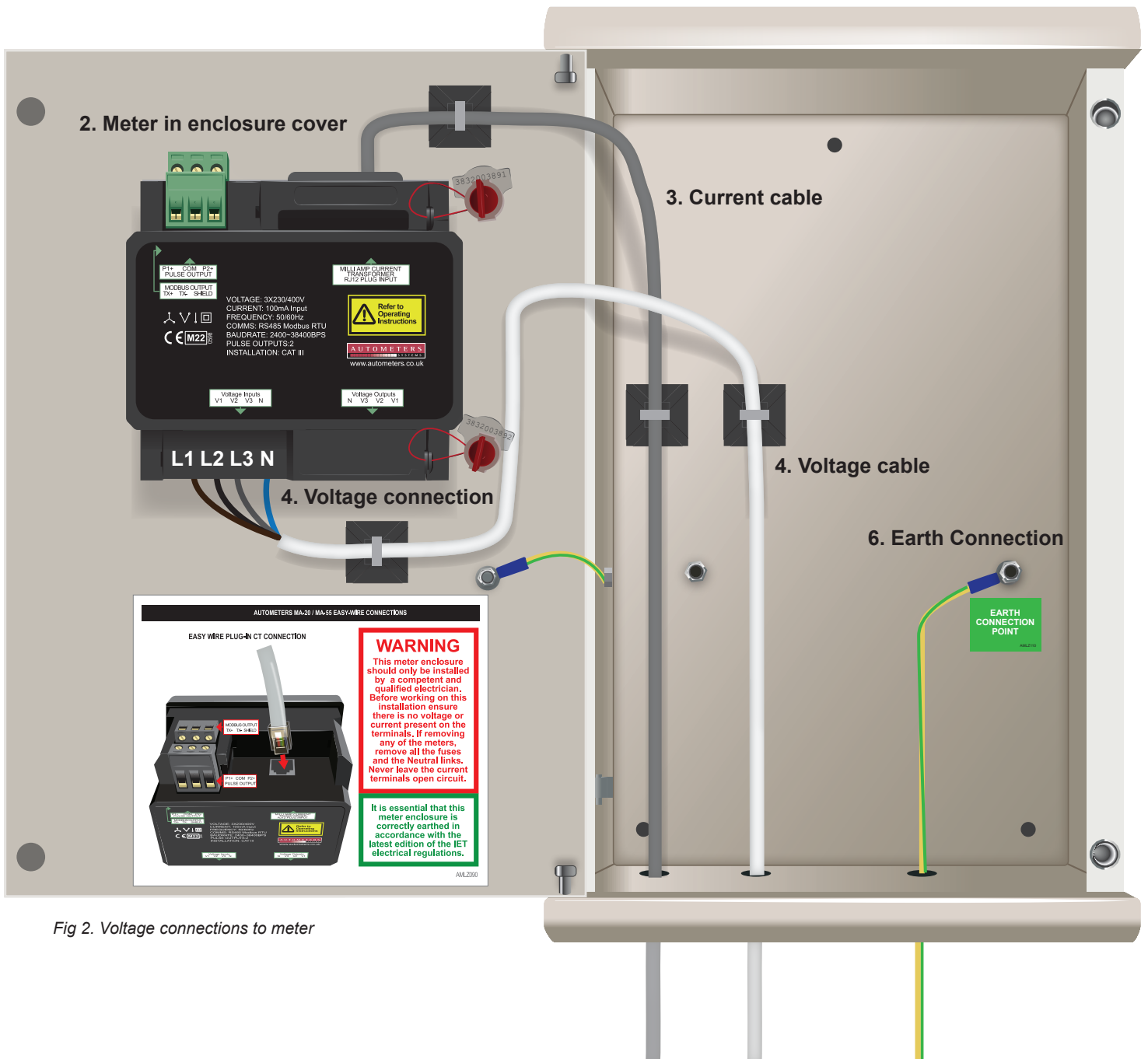


Fig 2. Voltage connections to meter