

HE203e METER ELECTRIC SINGLE PHASE



PLEASE **READ** THE INSTRUCTIONS

ELECTRIC Settings

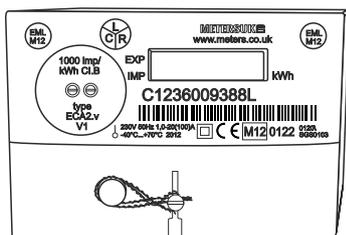
1000 Pulses = 1 kWh

The kWh is shown on your electricity invoice.

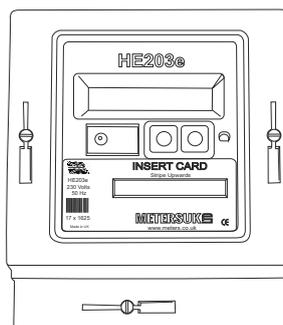


METERS UK LIMITED CANNOT ACCEPT ANY LIABILITY FOR ANY SETTINGS OR CHARGES MADE

ELECTRIC COMPONENTS :



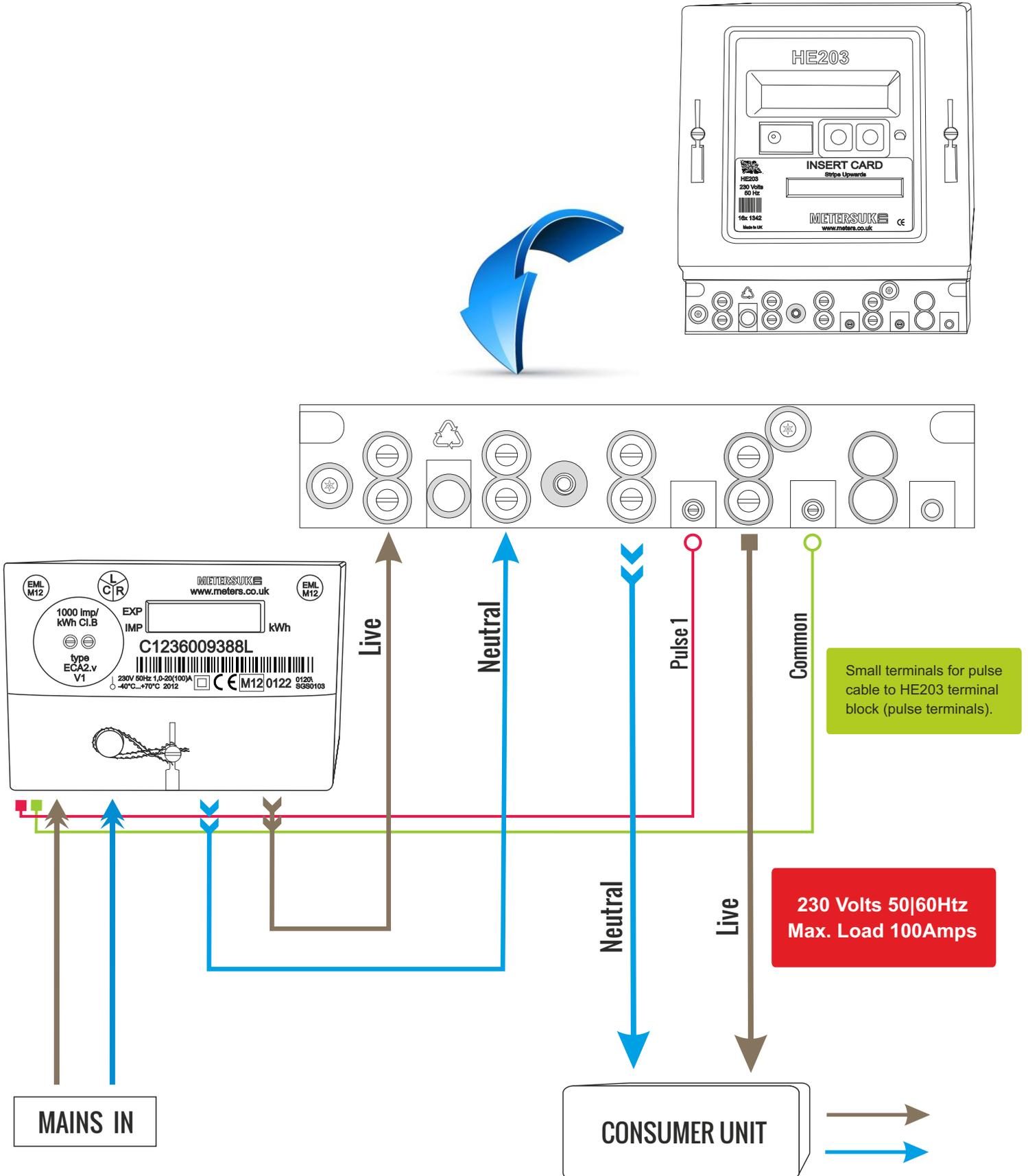
1. Single Phase Meter



2. The Card Reader

PLEASE NOTE - Both of the above items must be connected as per Schematic in order for system to work

Single Phase Wiring Schematic



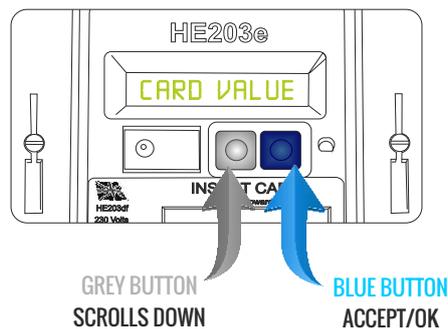
INSTRUCTIONS

PROGRAMMING

The product is designed to offer the operator and customer maximum functionality benefits to ensure optimum operation. Please adhere to the programming instructions methodically.

DEFAULT DISPLAY MODE

When a live electrical connection is made, but the unit is not programmed, the display will always show the default mode of **CARD VALUE**



SCREEN 1 - CARD VALUE

The card has two sides. This screen is where the value of each side is programmed. The value is in pennies (£) or cents (Euro).

ie. A £ 10 card has £5.00 each side.
Therefore 500 would be programmed in $500 + 500 = 1000$ (£ 10)

A £ 5 card would be programmed with £ 2.50 each side of the card (250).

Press the **GREY**  **BUTTON** to set the unit values

Press the **BLUE**  **BUTTON** to move to the next digit

Once set will automatically move onto the next screen.

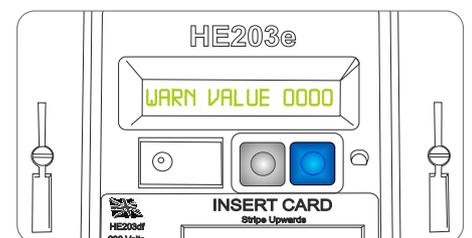


SCREEN 2 - WARNING BUZZER

The warning buzzer is used to alert the user that the time is coming to an end and the facility will be switched off.

If this feature is **not** required program 0000. Use the **BLUE**  **BUTTON** to skip the digits.

Once the selection has been accepted the next screen will come up automatically



SCREEN 3 - PULSE MULTIPLIER

This is the pulse value of the Electricity Meter - The Tiny

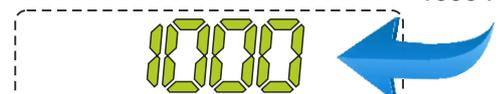
Enter 1000

Press the **GREY**  **BUTTON** to set the unit values

Press the **BLUE**  **BUTTON** to move to the next digit

Once set will automatically move onto the next screen.

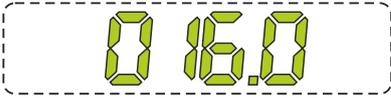
This is what the screen would look like
1000 Pulses



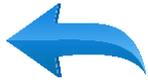
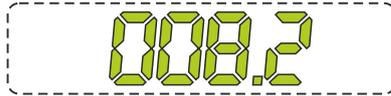
SCREEN 4 - UTILITY VALUE

This will be the value per kWh of the electricity. This is what you physically pay. This should be found on your electricity bill. If you are unsure of the amount you pay please contact your utilities provider as Meters UK cannot advise you on what to enter.

The cost of Kwh of Electric



This is what the screen would look like if your electric was 16p or 16c

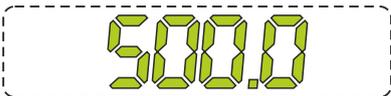


This is what the screen would look like if your electric was 8.2p or 8.2c

SCREEN 5 - EMERGENCY CREDIT

When the full amount credited to the meter has been used up, the Emergency Credit facility will be available for you to use. The emergency credit amount is not fixed and can be set at any amount. In the event this facility is not required, program 0000

ie. £ 5 = 500



This is what the screen would look like £ 5.00

Press the **GREY**  **BUTTON** to set the unit values

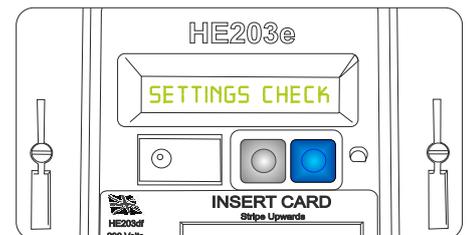
Press the **BLUE**  **BUTTON** to move to the next digit

Once set will automatically move onto the next screen.

SCREEN 6 - SETTINGS CHECK

The system now scrolls through the settings which have been programmed.

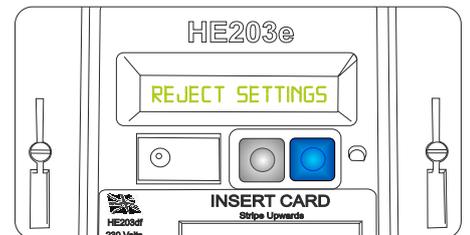
IT IS VERY IMPORTANT TO DOUBLE CHECK THESE SETTINGS, as once set can only be changed with a Zapper Tool.



SCREEN 7 - REJECT SETTINGS

After the settings have been checked the program automatically moves into Reject Settings. If you are unsure that the settings are anything but 101% correct, press the **BLUE BUTTON**  to reject the settings entered and re-insert your settings.

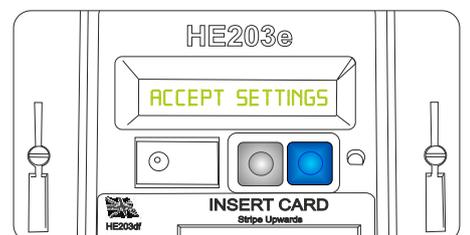
Only if you are happy with the settings would you scroll **GREY**  **BUTTON** to the next screen ACCEPT settings.



SCREEN 8 - ACCEPT SETTINGS

If you are 100% happy with the settings entered, then press and hold the **BLUE**  **BUTTON**. Hold for 10 seconds. There will be a continuous beeping sound whilst all the settings are being saved.

Once saved the screen will default back to the CREDIT or INSERT CARD screen.



INSERTING CARDS

Ensure that the magnetic strip is facing upwards (ie. you can see it) Insert each side of the card fully - sharply - remove from the card reader. If the card does not activate - Remove from the card reader and give the HE203e approx. 30 seconds to reset and try again.

When a credit has been accepted, the card will be crimped on removal from the card reader.

At zero credit the He203 closes an internal contactor (between the live terminals). The contactor is rated at 100Amps, 230v-50Hz



TO RESET THE METER

In the event of a power cut or if the circuit trips the meter will need to be reset. Before resetting the meter please ensure that all stoves or other gas utilities are switched off.

Press and hold the BLUE or GREY button on the meter to restart/reset the meter. To confirm that the meter has been reset the display will show 'CREDIT 000£' and the meter will function as normal.

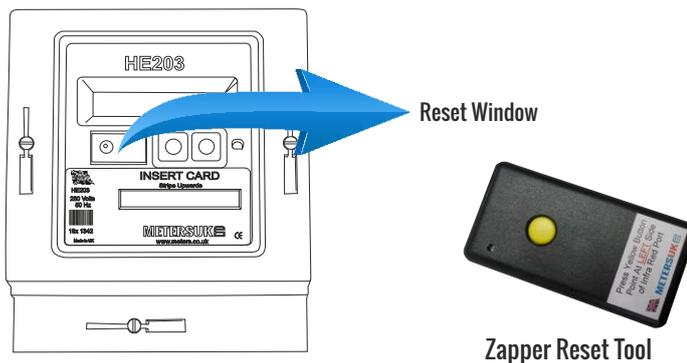
ACTIVATING EMERGENCY CREDIT

In order to activate Emergency Credit please press and hold **BOTH** the **BLUE**  and **GREY**  buttons together for 5 seconds.

Please note : You can only activate the Emergency Credit once the credit has run out and utility switches off.

CHANGE SETTINGS

Settings can only be changed with the **ZAPPER RESET TOOL**. The tool can only be purchased from Meters UK Ltd. Zapper reset tools will only be sold to landlords or owners.



Once the Zapper Tool has been purchased point the front of the zapper directly at the reset window next to the grey button on the meter. Press and hold the button on the Zapper, once the remote connects to the meter the display will show 'OVERRIDE', you can now start to reset the meter to your desired settings.

For more information on the instructions please request a Zapper Tool instruction guide.

METER CARD ERROR

If the meter does not accept your card it may mean that the card reader heads need cleaning. Use METHYLATED SPIRITS on the reverse side of the card and insert twice with the blank side facing upwards. You can obtain the spirit from various outlets.

Please do not use any other spirit.