

HEAT + ELECTRICITY



WIRING

Wiring standards must conform to IEE regulations.

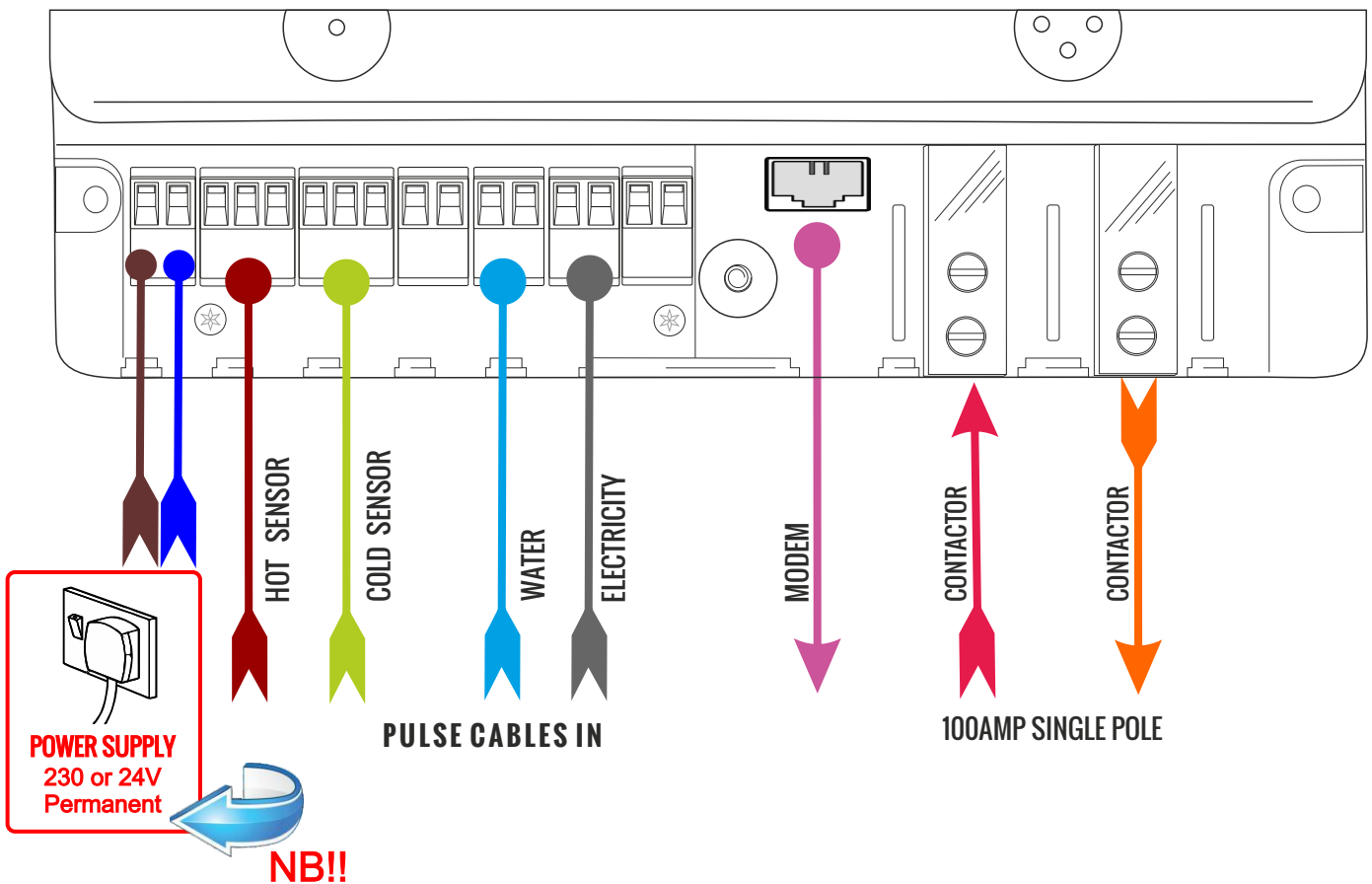
It is recommended to use shielded cable manufactured to BS4360 Class 5 or VDE0295 Class 5

Wiring block list - Terminals are marked on the PCB

Remove Terminal Cover to expose wiring block

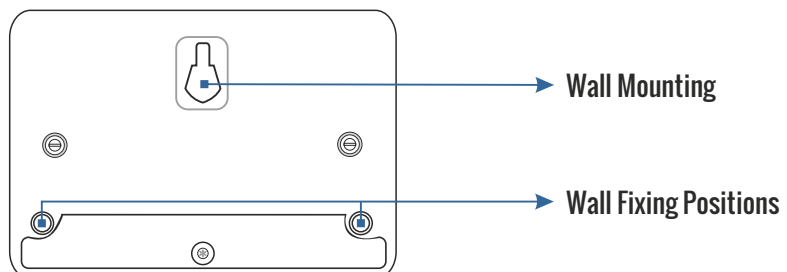
SURGE PROTECTION is recommended

Permanent Power Supply for each Smartlink45 required

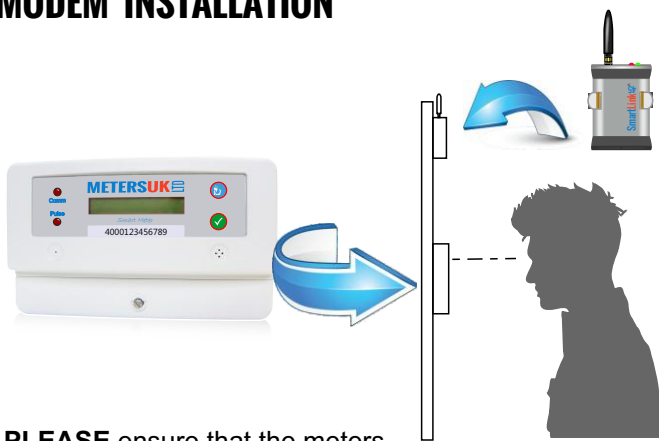


MOUNTING

The SmartLink45 is designed for wall mounting, a screw case hanging position is located at the top in the centre of the case with two wall fixing positions located under the terminal cover.



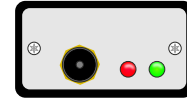
MODEM INSTALLATION



PLEASE ensure that the meters can be easily read by the tenants

- Please ensure that the **MODEM** is as high up as possible on the wall and near a window
- Do not install under metal sinks or cupboards
- Ensure the aerial is upright and not installed sideways
- Keep in mind that the unit needs to communicate with mobile networks, so the signal needs to be good.

INDICATOR LIGHTS



- **RED** light ON : **Power**
- **GREEN** light FLASHING : **Connecting to the network**
- **GREEN** slow PULSE : **Connected**

PLEASE contact our Engineer once you have **FINISHED** the **INSTALLATION**, to ensure we can communicate with the meter. Further instructions will be given to you by our team.



01524 555 929

SCREENS

The following screens are available to view.



NEXT / SCROLL



DEFAULT TO MAIN SCREEN

CR	£ 0.00	SCREEN 1 CREDIT amount available on the meter. This will be shown in your currency.
HE	0000000.0 KWh	SCREEN 2 HEAT usage total in KWh
IP	23 KW	SCREEN 3 IP = Instantaneous Power Amount of power being consumed NOW
FT	78.8C	SCREEN 4 FT = Flow Temperature Temperature in the flow pipe
RT	67.2C	SCREEN 5 RT = Return Temperature Temperature in the return pipe
FR	354.87 m3/h	SCREEN 6 FR = Flow Rate Total flow in meters cubed per hour

CREDIT READINGS

CR - CREDIT - ELECTRICITY | HEAT ON
DB - DEBIT - ELECTRICITY | HEAT OFF **EMERGENCY CREDIT AVAILABLE**

EC - EMERGENCY CREDIT - ELECTRIC | HEAT ON
ED - EMERGENCY DEBIT - ELECTRIC | HEAT OFF **EMERGENCY CREDIT USED**



PLEASE NOTE ONCE ALL THE EMERGENCY DEBIT AMOUNT HAS BEEN USED IE. MAX AMOUNT MINUS £ 5.00 - ALL UTILITIES WILL BE TURNED OFF

Once the Debit (DB) or EMERGENCY credit has been used, when you next top-up, the amount will be deducted off the amount credited. ie. Used Credit £ 7.00 - Top up £ 10.00 = Available Credit £ 3.00

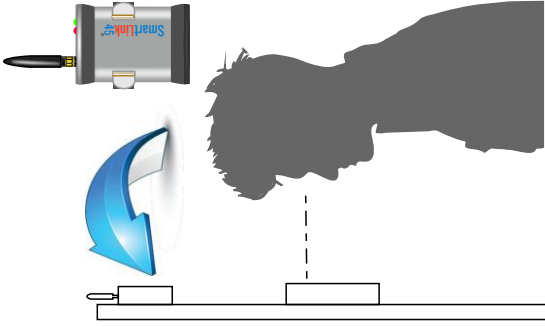
EMERGENCY CREDIT

To activate the EMERGENCY CREDIT facility press and hold both the **BLUE** buttons together for 5 seconds.



and **GREEN**



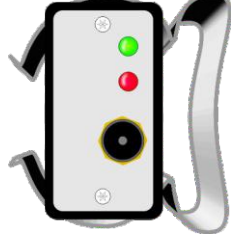


MODEM INSTALLATION

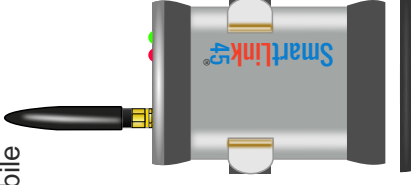
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View from the top



View from the front

PLEASE ensure that the meters can be easily read by the tenants

BEFORE TURNING THE METER ON - PLEASE DO THE FOLLOWING TO TEST THE MODEM SIGNAL:-

BEFORE you turn on the power to the meter, press and hold the **BLUE Button**  and **GREEN Button**  together.

Continue to hold both buttons, switch on the power and keep holding. The meter will run through various screens and will then display **WAITING**..... Release both buttons After approximately a minute the **SIGNAL STRENGTH** will show on the screen.

This is an indication of the modem strength and needs to be correct, otherwise the readings will not be reliable.



ABOVE 66%



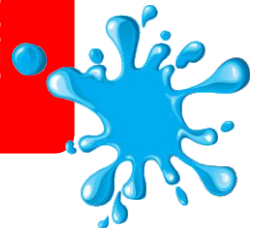
33% - 66%



BELOW 33%

MOVE the modem
until signal strength
is higher.

Once signal strength is satisfactory, reboot the Smartlink45 hub by switching off the power supply for 30 secs.
Switching back on will bring the Smartlink45 hub back to the default operational screen.



METERSUK

PLEASE CALL METERS UK TO ACTIVATE THE METERS BEFORE LEAVING THE PREMISES

01524 555 929

**INSTALLATION
PLEASE READ
THE ENCLOSED
INSTRUCTIONS**