

Stealth installation guide

Also applicable to: *Stealth+, Stealth M, Stealth M+*



Be aware:

The Stealth is specifically designed to be built in to an appliance/lighting fixture or as a permanently connected device in the electrical installation of a building. Installation should always be executed by a registered installer in compliance with the local electrical code (e.g. BS 7671 or NEC).

Information for the installer

It is required to include an overcurrent protective device (circuit breaker), that support a maximum rating of 16A (depending on your localisation). Be sure to switch off the circuit before installing the Stealth!

The product should be installed in a closed flame retardant casing with a proper strain-relief mechanism.

Use the L↑ labelled clamp to connect the phase wire to the appliance and connect the neutral wire to one of the 'N' labelled clamps. Then connect the incoming phase wire to the clamp labelled 'L' and the neutral wire to the free 'N' connection.

For double phase 230V networks the second phase can be connected to the 'N' poles (it will not be switched).

Technical details

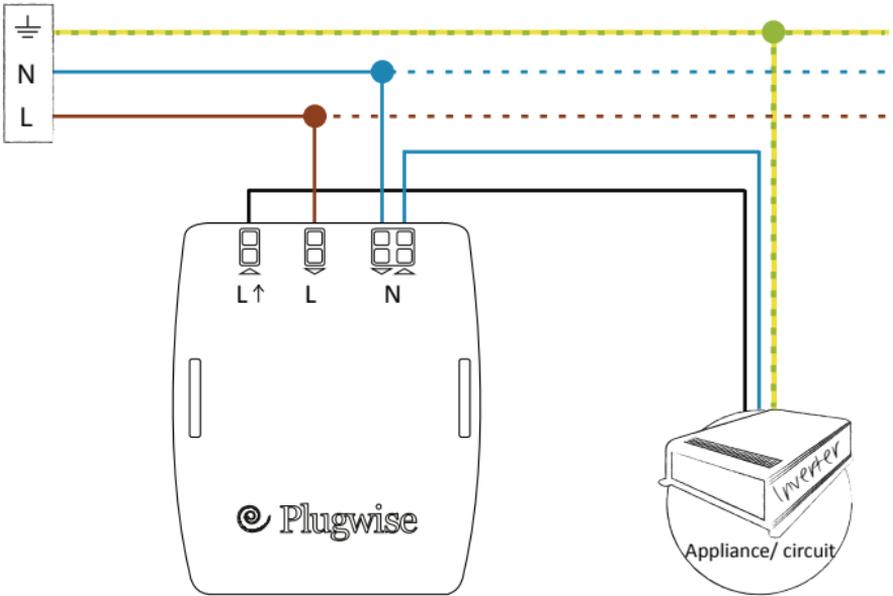
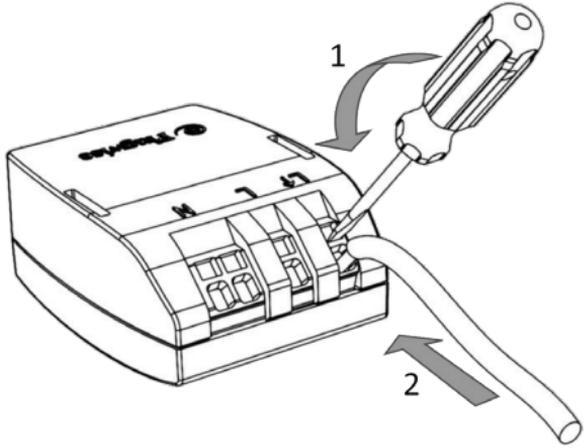
Voltage: 100-240 V~	Frequency: 50 / 60 Hz	Total max. current: 16 A*
If a normal Stealth with relay is used, these additional maximum ratings apply: <ul style="list-style-type: none"> • Inductive load: 4A • Capacitive load: 1A Exceeding these ratings will adversely affect the service life of the relay!		
Dimensions: 57.1 x 39 x 21 mm	ZigBee Dynamic MESH 2.4 GHz	
E: helpdesk@plugwise.com	T: +31(0) 252 43 30 70	W: www.plugwise.com

* Total max. current Stealth M and M+ : 20A.

*All specifications without prejudice.
See www.plugwise.com for detailed information.*

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1. Insert screwdriver and move in the direction of the arrow (up)
2. Insert wire



Be aware:

Connect the L↑ (black line) to the appliance to be measured (in this example the inverter of the solar panel).

Verify the installation

You can verify the installation without the need of WiFi/ LAN:

Make sure you have installed the Stealth and Stretch 2.0.

Remember, the Stretch 2.0 must not be connected to LAN!

1. Connect the adapter with the Stretch 2.0 and the wall socket. The Stretch 2.0 will start in WiFi access point mode.
2. Connect your smartphone (installer) with the network of the Stretch via the WiFi access point.

Password: The Stretch ID (see sticker)

3. Go to : <http://192.168.40.40> via the mobile browser on your smartphone. The Stretch 2.0 web interface starts loading and continues generating a new appliance for the installed module.

Username: stretch

Password: The Stretch ID (see sticker)

4. In case of energy production (solar panel):
You will notice below the image of the Stealth in the green field (and the MAC adress) a negative sign (-) in front of the solar production if the installation has been executed correctly (and if the solar panels are producing energy). This may take some time. If the installation is connected incorrectly there will be no negative sign (-) in front of the power output.

In case of energy consumption (appliance):

If the installation has been executed correctly there will be no negative sign (-) in front of the power output.