



Smart 2G Socket

WARNING Never take risks with electrical safety. Always disconnect the mains power before beginning any electrical work and test that it is isolated - it is NOT enough just to turn off the light switch. Electrical products must be installed in accordance with IET regulations (BS 7671). If you are in any doubt, always consult a qualified electrician or an experienced person registered with an electrical Competent Person Scheme. Further information is available online or from your Local Authority. If the lighting circuit is not protected by a Residual Current Device (RCD) then the installation should be carried out and tested by a qualified electrician.

Your 13A smart 2G socket

Your 13A smart 2G socket can be linked with your smart home hub, such as Philips® Hue™ Bridge, so that you can switch either or both of the 13A mains outlets remotely. See the next page for linking details.

Your smart 2G socket is suitable for indoor use only. It is designed to fit standard UK double gang wall boxes with a minimum of 32mm depth to allow enough space for connections once the socket is screwed into place.

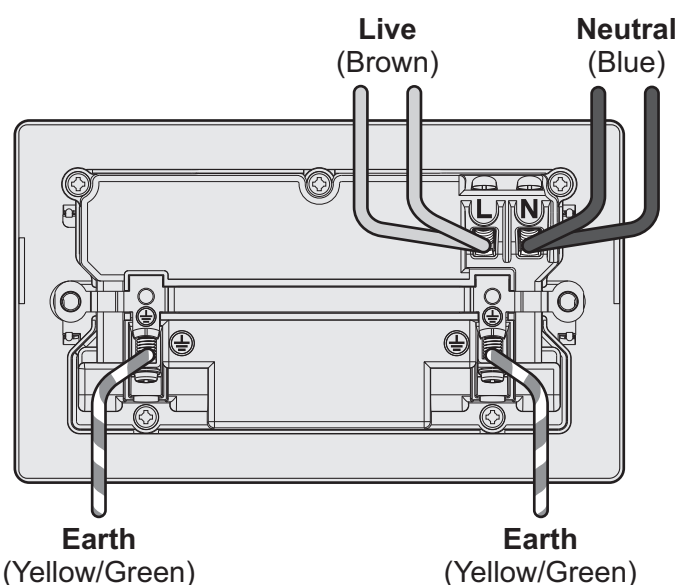
IMPORTANT: If you are in any doubt, STOP and seek professional help. Do not proceed unless you are sure. This product must be installed in accordance with local building regulations.

To fit your smart 2G socket

- 1 Ensure that the mains supply to the circuit is isolated.
- 2 Remove the two wall screws that are securing the existing socket.
- 3 Take a photo of the connections to its terminals. There should be either one or two sets (Live, Neutral and Earth) of wires. If there is just one set, then the existing socket is a spur connection. If there are two, then the socket is part of the ring main. Either way, you will need to connect the wires to your new socket in the same manner (see right).
- 4 Disconnect the wires from the existing socket and remove it from the installation.
- 5 Connect the wires to your new socket in the same way that they were connected to the previous socket.
- 6 Ensure that the bare copper earth connections have green/yellow sleeves to isolate them from other connections. Check that screw terminals are properly tightened and no bare wires are visible.
- 7 Secure the socket in place and test it.

Note: The front surface of this product may become warm in use. This is normal and not cause for concern.

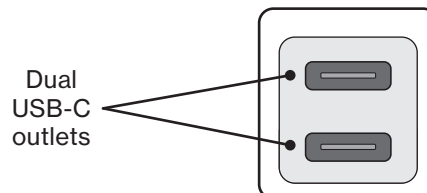
Connection	Old wire colours	New wire colours	Diagram shading
Live (L)	Red	Brown	
Neutral (N)	Black	Blue	
Earth (⚡)	Green	Green/Yellow	



Using the standard features of your smart 2G socket

Your smart 2G socket can operate like any standard 2-gang 13A switched socket. Simply use the two switches to control power to the respective 13A mains sockets. In addition, you can control the sockets remotely - see next page.

The dual USB Type C outlets can be used with suitable cables (by others) for charging mobile devices:

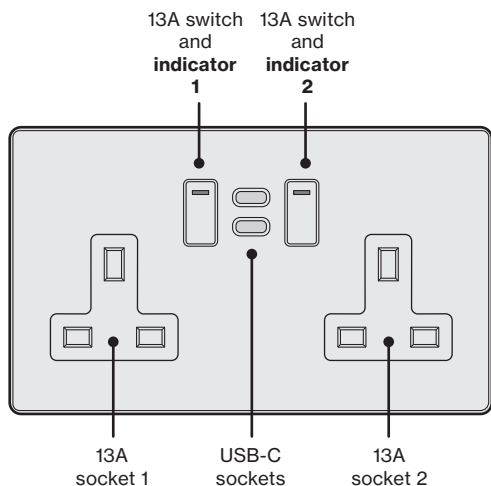


- 3A is sufficient power output to charge the majority of USB products. Do not connect devices that draw in excess of 3A.
- A device requiring 2A would leave the other port with 1A, so devices may charge slower than with a normal charger.
- When not in use the USB ports use a low energy standby mode.
- The USB sockets support the USB-PD (Power Delivery) standard, versions 2.0 and 3.0 to allow charging voltages up to 20VDC, depending on cable and device in use.
- The total output current achieved is dictated by the specific device being charged and other factors, such as the quality of charging cable being used.

Zigbee working frequency: 2405-2480 MHz
Maximum output power: 10 dBm



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Pairing your smart 2G socket with a home system

Before you can begin controlling your new smart 2G socket by voice or app, you need to first pair it with a smart home hub, such as Philips® Hue™ Bridge. These instructions assume that a smart home hub is installed and is within wireless range of your new smart 2G socket.

- 1 Connect your smart 2G socket as detailed overleaf and apply power to it.
- 2 Put your smart home hub (eg Philips® Hue™ Bridge) into discovery or pairing mode. The way to do this will vary from system to system, so please check the instructions for your smart home hub.
- 3 Now also put your new smart 2G socket into pairing mode:
 - Press and hold either switch on your smart 2G socket for more than 5 seconds until Indicator 1 starts to blink slowly.
- 4 After a short period of time (some systems may take up to a minute), your smart 2G socket should be discovered by the smart home hub.
 - If your smart 2G socket successfully connects to the network within 3 minutes, Indicator 1 will turn fully on for 5 seconds; if it times out or fails, Indicator 1 will go off.
- 5 You can now fully integrate your new smart 2G socket into the smart home system by perhaps changing its name and including it within a group of other controlled devices. The precise way to do this will depend on the smart home hub, so please check their instructions.

Resetting the link with a home system

- Press and release either switch on your smart 2G socket briefly once, then press and hold for 10 seconds until Indicator 1 blinks rapidly for 5 seconds.

Firmware updates

Your smart 2G socket supports over-the-air (OTA) firmware updates:

- 1 Get the “OTA Upgrade” app from Google Play or the Apple App Store and install it on your phone.
- 2 Put your smart 2G socket into OTA mode: rapidly press either switch 9 times consecutively, then press and hold for 5 seconds until both indicators start to blink rapidly*.
- 3 Open the OTA app and click “search” to find your smart 2G socket.
- 4 Once your smart 2G socket is found, start the upgrade process within the app. This will take roughly 15 mins, during which time the sockets will stop providing power. After a successful OTA, normal operation will resume.

* If Bluetooth connection is not established within 3 minutes, the OTA process will time out and exit, causing both indicators to turn off.

Tips and tricks when pairing

- **Apple® HomeKit™ and Philips® Hue™:** If necessary, reset the Hue Bridge. Pair your new smart 2G socket with the Hue Bridge first (left) via the Philips app. Then link the Hue Bridge with Apple Home:
 - In the Apple Home app, tap ‘+’ and then ‘Add Accessory’. Scan the HomeKit QR code (or enter the digits) of the Hue Bridge and select it in the list, or
 - In the Hue Bridge app, tap ‘Settings’ and then ‘HomeKit & Siri’. Tap ‘Pair bridge’ and create a new home. Scan the HomeKit QR code (or enter the digits) of the Hue Bridge and select it in the list.
- **Amazon® Alexa™:** The following Echo devices have built-in smart home hubs: Echo 4th Generation, Echo Plus, Echo Show 10 (except 1st Gen), Echo Studio. Other Echo devices may need to use an additional hub, such as Philips Hue.
 - Add your Echo device to your Alexa app: Choose local wifi, go to ‘Devices’, choose ‘Echo & Alexa’ > ‘Add a Device’ > ‘Amazon Echo’ > ‘Echo, Echo Dot, Echo Plus and more’. Plug in your Echo and press it to setup mode (orange light). When your Echo device is paired with the app, add your smart 2G socket to Echo: Say “Alexa, discover my devices”. Place your smart 2G socket in pairing mode (left). When found, Alexa should say: “I found the first light”. Follow the instructions from your Echo.
- **Google® Home™:** If necessary, reset the Hue Bridge. Pair your new smart 2G socket with the Hue Bridge first (left) via the Philips app. Then link the Hue Bridge with Google Home:
 - In the Google Home app, tap ‘Add device’. Tap ‘Works with Google’ and choose Philips Hue from the list that is shown. Follow the on-screen instructions to link the Hue Bridge to the Google Home app.

Cleaning and care

Always isolate the mains supply before cleaning.

Wipe only with a soft dry cloth. Do not use detergents, solvents, sprays, polishes, or corrosive cleaning agents.

Do not allow moisture to enter the product.

Security updates and support

This is a UK consumer connectable smart product. Dowsing & Reynolds states that Zigbee Smart Sockets receive security updates for the defined support period published for the product range, and the current support-period wording provided for the smart socket range is “until 31 December 2029”.

For UK PSTI security information, vulnerability reporting details, and support information, users should be directed to the published Dowsing & Reynolds PSTI web statement and product support information.

Security vulnerabilities may be reported to Dowsing & Reynolds using the published contact route: contact@dowsingandreynolds.com or telephone 0330 818 5949

Disposal

Electrical products should not be disposed of with normal household waste. Dispose of this product in accordance with local WEEE arrangements and recycling requirements applicable at the time of disposal.

Manufacturer

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