Start making your home smart!
Please be sure to install the Bosch Smart Home Controller first.

Please ensure that you have a Bosch Smart Home Controller and the Bosch Smart Home App, and that you have set both of them up successfully.

You can also watch easy to follow installation videos on our website: www.bosch-smarthome.com/installation

Set up your product in just three steps

▶ Start the Bosch Smart Home App
▶ Scan the QR code on the underside of the plug or on the enclosed label
▶ Insert the Bosch Smart Home Plug into a socket
Congratulations on purchasing your Bosch Smart Home Plug, it will help to make your home even smarter by connecting electrical appliances to the Bosch Smart Home System.

The Bosch Smart Home Plug allows you to easily control electrical appliances from a coffee machine to a lamp conveniently in or away from your home.

It’s easy to install and even enables you to keep an eye on the energy consumption of your electrical appliances.
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1.0 PRODUCT DESCRIPTION

The plug turns your electrical appliances smart by enabling you to control them through the Bosch Smart Phone APP at or away from home. It also enables you to automatically switch appliances on and off according to a programmable timer and measure the energy consumption.

Quick to install, the plug is ready to use once it has been inserted into a socket and configured in the app. Its compact design means that surrounding sockets are not blocked off.

1.1 Intended use

In order to function properly, the product must be used together with the Bosch Smart Home Controller.

- Follow the safety instructions and the directions in this manual and the Bosch Smart Home App to ensure that the product is set up correctly
- Please note the details in the Technical Data section (see p. 28)
- Avoid installing in areas prone to high amounts of dust, direct sunshine or heat

Please take the Technical Data (in particular the maximum permissible switching capacity of the relay and the type of load to be connected) into account before connecting a load! All load data relates to resistive loads!
2.0 IN THE BOX

Plug

QR code label

To operate the plug you will require the app, a controller and an internet connection.
3.0 WARNING NOTICES
3.1 Explanation of symbols

**Warning.**
This alerts you to danger.

**Info.**
Indicates important information.

3.2 Safety instructions

**Risk of injury even to the point of death from electric shock!**
Touching live electrical parts can lead to electric shock.

- Do not open the product.
- Do not use the product if has visible signs of damage (e.g. on the housing or on the controls).
- If you discover a fault, please contact our service team on 00800 8437 6278.
4.0 THE SMART PLUG
4.1 Product overview

<table>
<thead>
<tr>
<th>Item</th>
<th>Part</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>LED</td>
<td>Indicator for status or fault</td>
</tr>
<tr>
<td>2</td>
<td>System button</td>
<td>Confirmation button</td>
</tr>
<tr>
<td>3</td>
<td>QR code</td>
<td>Scan for device identification</td>
</tr>
</tbody>
</table>

**LED state**

<table>
<thead>
<tr>
<th>Color</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>Fault – please contact our service team on 00800 8437 6278</td>
</tr>
<tr>
<td>Orange</td>
<td>Process or update is being performed</td>
</tr>
<tr>
<td>Green</td>
<td>Status “on”; Process or update has been completed successfully</td>
</tr>
</tbody>
</table>
5.0 SET-UP

Before you start
Please ensure that you have a Bosch Smart Home Controller and the Bosch Smart Home App, and that you have set both of them up successfully.

You can also watch easy to follow installation videos on our website: www.bosch-smarthome.com/

5.1 Adding to your smart home

Start the Bosch Smart Home App and select "Add device".

From this point, the app guides you through the installation process. You will find a brief description in the following pages of this instruction manual.
5.2 Connecting to your smart home

The app will prompt you to scan the QR code on the product. You will find the QR code on the rear of the plug and as a label in the box.

From this point, the app guides you through the installation process. You will find a brief description in the following pages of this instruction manual.
5.3 Configuring the device

Scanning the QR code from within the app starts the configuration process.

The plug’s LED indicates the status of the configuration attempt using the following flash codes:

<table>
<thead>
<tr>
<th>LED state</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flashes orange</td>
<td>Searching for system controller</td>
</tr>
<tr>
<td>Flashes green one</td>
<td>Successful configuration</td>
</tr>
<tr>
<td>Flashes orange</td>
<td>Unsuccessful configuration</td>
</tr>
</tbody>
</table>

If the device is not able to establish a connection to the controller within 3 minutes, the configuration mode is ended. To start the configuration mode again, please press the system button on the plug.

The app will also inform you if the configuration was successful.
6.0 CONNECTING TO YOUR ELECTRICAL APPLIANCE

6.1 Connecting instructions

Risk of injury even to the point of death from electric shock!

- Touching live electrical parts can lead to electric shock.
- Do not open the product.
- Do not use the product if has visible signs of damage (e.g. on the housing or on the controls).
- If you discover a fault, please contact our service team on 00800 8437 6278.

Prevailing regulations must be observed when connecting the product. Failure to comply with the regulations can lead to material damage and/or physical injury even to the point of death.

Please take the Technical Data (in particular the maximum permissible switching capacity of the relay and the type of load to be connected) into account before connecting a load! All load data relates to resistive loads! Do not exceed the capacity specified for the device. Exceeding this capacity could lead to the destruction of the device, to a fire or to an electrical accident. The reliable switching off of the connected device is not guaranteed anymore.
Ensure the smart plug is not damaged do not plug into socket if the casing is damaged in any way.

- Connect the plug to an accessible, grounded wall socket. In the event of danger, pull the device out of the mains socket.
- Do not insert plugs in a row.
- Do not use plugs in multiple socket outlets or with extension leads.
6.2 Connecting process

- Do not use plugs to disconnect appliances from the mains. The load is not galvanically isolated from the mains.
- Devices with electronic power supply units (e.g. TV or high voltage LED light sources) are no ohmic loads. They can generate inrush currents with more than 100 A. Switching such kind of loads may lead to premature wear of the actuator. In consequence the reliable switching off of the connected device is not guaranteed anymore.

Do not connect any appliances which could cause fire or other damage if switched on inadvertently (e.g. irons).

Insert the plug into the socket. The plug is now ready to use.

You can now plug in the required electrical appliance.
7.0 PRODUCT DETAILS
7.1 Technical data

<table>
<thead>
<tr>
<th>Model</th>
<th>Plug AA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supply voltage</td>
<td>230 V/50 Hz</td>
</tr>
<tr>
<td>Current consumption</td>
<td>16 A max.</td>
</tr>
<tr>
<td>Type of protection</td>
<td>IP20</td>
</tr>
<tr>
<td>Ambient temperature</td>
<td>-10 °C to +35 °C</td>
</tr>
<tr>
<td>Power consumption in standby</td>
<td>&lt; 0.3 W</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Max. switching power</th>
<th>3680 W$^{1)}$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Load type</td>
<td>Ohmic load, $\cos \phi \geq 0.95$</td>
</tr>
<tr>
<td>Measuring category</td>
<td>CAT II</td>
</tr>
<tr>
<td>Relay</td>
<td>Normally open, 1-pole, $\mu$-contact</td>
</tr>
<tr>
<td>Switching cycles</td>
<td>40,000 (16 A, ohmic load)</td>
</tr>
<tr>
<td>Switch type</td>
<td>Independently mounted switch</td>
</tr>
</tbody>
</table>

$^{1)}$ Measuring range: 0 to 3680 W; Resolution: 0.01 W; Accuracy: 1% $\pm$ 0.03 W (Frequency range 2 Hz to 2 kHz)
<table>
<thead>
<tr>
<th>Operating type</th>
<th>S1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Withstand voltage</td>
<td>2500 V</td>
</tr>
<tr>
<td>Protection class</td>
<td>I</td>
</tr>
<tr>
<td>Method of operation</td>
<td>Type 1</td>
</tr>
<tr>
<td>Degree of pollution</td>
<td>2</td>
</tr>
<tr>
<td>Radio frequency</td>
<td>868.3 MHz / 869.525 MHz</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Radio range in free-field conditions</th>
<th>&gt; 100 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Receiver category</td>
<td>SRD category 2</td>
</tr>
<tr>
<td>Duty cycle</td>
<td>&lt; 1 % per h / &lt; 10% per h</td>
</tr>
<tr>
<td>Dimensions (W x H x D)</td>
<td>70 mm x 79 mm x 39 mm (without mains plug)</td>
</tr>
<tr>
<td>Weight</td>
<td>155 g</td>
</tr>
</tbody>
</table>
7.2 Declaration of conformity
Robert Bosch Smart Home GmbH hereby declares that the Bosch Smart Home Plug radio communication unit complies with Directive 1999/5/EC and is designed for use in Germany, Austria and Liechtenstein.

The declaration of conformity and declaration of performance can be downloaded from www.bosch-smarthome.com

7.3 Faults in radio operation
Faults in radio operation (e.g. due to electric motors or defective electrical devices) cannot be ruled out. The radio range inside buildings may differ greatly from the radio range in free-field conditions. Apart from the transmission power and the receiver characteristics, environmental influences such as humidity and structural characteristics may also influence radio operation.
7.4 Open-source software

This Bosch Smart Home product uses open-source software. You will find the license information for the components used on the opposite side.

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core_cm3.h
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7.5 Environmental protection and disposal

Electrical and electronic equipment that is no longer usable and defective or used batteries must be separated from other waste and recycled in an environmentally friendly manner (European Directive on waste electrical and electronic equipment).

To dispose of electrical and electronic equipment or batteries, use your country-specific return and collection systems.
8.0 FURTHER INFORMATION

You can find more detailed information on operating and maintaining the plug in the online FAQs at www.bosch-smarthome.com/faq

You will also find all contact details on the rear side of this document.

Sale and transfer
Before you transfer or sell your device, delete your personal information. To do this, reset the device to its factory settings (see online FAQs).
Bosch Smart Home

#BeSmarter
INTERCONNECTED SMART HOME PRODUCTS

Save on heating costs, protect your valuables, create mood lighting and much more: Bosch Smart Home offers a complete, intelligent system to make your life more comfortable, safer and more sustainable.

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