

# Smart Dimmer Switch

## DMHCM Quick Start Guide

**3**  
YEAR  
WARRANTY











### General Safety Instructions

- Before installation always isolate the power at the consumer unit / fuse box.
- If in doubt, please ensure works are carried out by a professional electrician



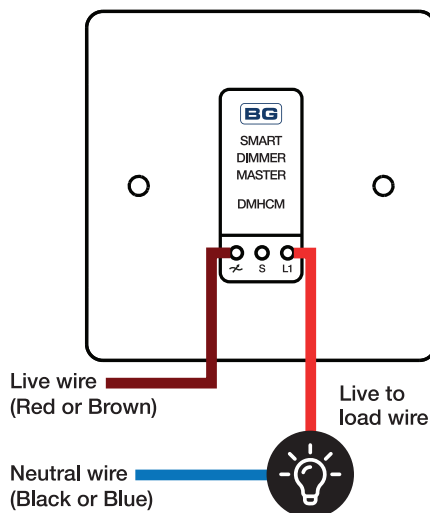
Scan the QR code to open BG Smart Wi-Fi Dimmer support webpage, which includes the installation manual, operation guide and FAQ

### Key Features

- |   |   |  |
|---|---|--|
|  Flexible timers                    |  Reliable setup using Bluetooth  |  Customised behaviour after power cut |
|  Delay timer                        |  Auto off                        |  Customisable minimum dimming level   |
|  Random mode (occupancy simulation) |  Family account sharing          |  |
|  Scenes with slow-fade option       |  Leading / trailing edge setting |  |

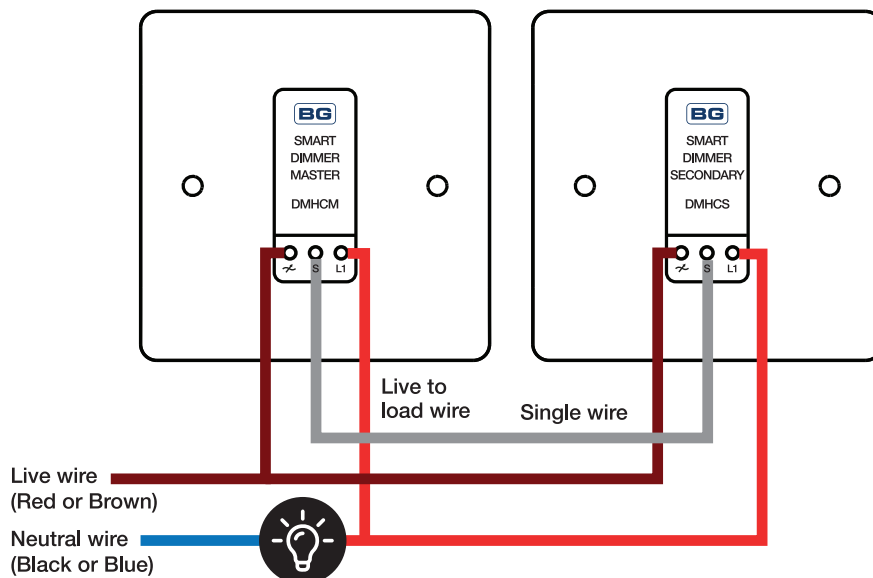
## 1 Install the Dimmer

### Single Dimmer



### Two Way Dimming

(Please purchase 1 x DMHCS Secondary Dimmer)



## 2 Download the BG Smart Mobile App



# Smart Dimmer Switch

DMHCM Smart App Setup

1. Turn on Bluetooth on your phone for initial setup.

2. Ensure you have your Wi-Fi network name and password to hand.

3. Ensure that the dimmer has been wired up, powered on, and that there is a lighting load connected to the dimmer.

4. Launch the app and create an account (or sign in if you already have an account).

5. Place the dimmer into pairing mode: press and hold the dimmer knob for at least 8 seconds. The light will blink on and off two times to confirm that the mode has been entered.

6. Add the device to the app:

A) The device may be auto-detected by the on-screen notification. In this case, follow the on-screen instructions.

Or:

B) Click the “+” at the top-right of the screen and select “Add Device”. The app will show the device. Follow the on-screen instructions.

## Selecting the right lamps to use with your smart dimmer

- This dimmer switch is compatible with standard dimmable lamps (not compatible with smart lamps).

The lighting load must be a minimum of 10W (one lamp 10W or above, or a combined load of over 10W when the dimmer operates multiple lamps).

When multiple lamps are used, it’s strongly advised that they are all the same make and model.

Lamp Type	Trailing (RC)	Leading (RL)
Incandescent	5-150W	10-100W
Halogen (Eco + Std)	5-150W	10-100W
Dimmable LED	10-150W	10-100W

## Additional Features

### Minimum dimming level

The dimmer control page in the app allows setting of a minimum dimming level, which can be set at a minimum of 1%, and a maximum of 50%.

This is useful for cases where the lamp illuminates at a dimming percentage above zero, so that “dead travel” on both the physical knob and the app slider are eliminated.

### Leading/Trailing edge mode

This dimmer can switch from Trailing (default) to Leading edge dimming via the App.

With advanced, eco-friendly technology, dimming has become more complex. Trailing edge dimming is usually best, especially for LEDs. Incompatible lighting may cause flickering or poor dimming.

### Restore state after power outage

The dimmer can be set to restore to the previous lighting level, or a user-determined level, after a power cut.

When you first connect and power on your smart WiFi dimmer, you may notice some unusual behaviour with certain types of lamps. This might include flickering or other irregularities for a brief period, typically lasting between 10 to 60 seconds. Please rest assured that this is completely normal and only occurs during the initial power-on from the main supply. After this short period, your dimmer will function as expected.

UK  
CA

UK DECLARATION OF CONFORMITY

This declaration has been issued under the sole responsibility of the manufacturer.

Product

- Single and Double Gang Smart Dimmer (x81M/HC, x81S/HC, x82M/HC, x82S/HC) – ‘x’ indicates change in colour / front plate
- Smart Dimmer Module (DMHCM, DMHCS)
- Type / batch or serial number range 25W09 to 29W09

Name and address of the manufacturer or his authorised representative:

Lupeco plc, Lupeco UK Ltd,  
Building E, Stafford Park 1  
Telford, Shropshire  
TF3 3BD, UK

The object of the declaration is in conformity with the relevant UK legislation.

Radio Equipment Regulations 2017 as amended  
Electromagnetic Compatibility Regulations  
The Restriction of the use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 as amended  
PSTI Act 2022(Part 1), the Product Security and Telecommunications Infrastructure Act 2022 and the Product Security and Telecommunications Infrastructure (Security Requirements for Relevant Connectable Products) Regulations 2023

References to the relevant designated standards used or references to the other technical specifications in relation to which conformity is declared:

BS EN IEC 60669-2-1:2022+A11:2022  
BS EN 60669-1:2018  
BS EN 50385:2017  
EN 300 328 V2.2.2

EN 301 489-1 V2.2.3  
EN 301 489-17 V3.2.4  
EN 300 328 V2.2.2  
EN 301 489-1 V2.2.3

EN 301 489-17 V3.2.4  
ETSI EN 303 645 5.1-1  
ETSI EN 303 645 5.1-2  
ETSI EN 303 645 5.2-1  
ETSI EN 303 645 5.3-11

Signed for and on behalf of Lupeco UK Ltd  
Name: David Cleaver  
Position: Product Director

Signature

On: 05/07/2024

CE

EU DECLARATION OF CONFORMITY

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Product

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Name and address of the manufacturer or his authorised representative:

Lupeco plc, Lupeco Southern Europe, S.L.  
C/ Bobinadora 1-5  
08302 Mataró  
Barcelona (SPAIN)

The object of the declaration is in conformity with the relevant Union harmonisation legislation.

2014/53/EU Radio Equipment Directive  
2014/30/EU EMC Directive  
2011/65/EC, 2015/863/ EU Directive RoHS Restriction of the use of certain hazardous substances in electrical and electronic equipment  
PSTI Act 2022(Part 1), the Product Security and Telecommunications Infrastructure Act 2022 and the Product Security and Telecommunications Infrastructure (Security Requirements for Relevant Connectable Products) Regulations 2023

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ETSI EN 303 645 5.2-1  
ETSI EN 303 645 5.3-11

Signed for and on behalf of Lupeco SE S.L  
Name: David Cleaver  
Position: Product Director

Signature

On: 05/07/2024

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