

## Smart Dimmer Switch

### Brief product description:

Take control of your lighting from anywhere with smart dimmers from British General. These Smart dimmers allow you to operate your lights remotely in the BG Smart App, locally using the dimmer switch or using just your voice with your favourite voice assistant.

### Download the BG Smart Mobile App



### Features:

- Control, schedule and dim lighting in the home via touch, voice commands or the BG Smart App.
- Set timers, scenes, random operation and adjust the lighting level to set the mood.
- Pair via Bluetooth and connect to your home Wi-Fi (2.4GHz) - no hub or subscription required.
- 2-way switch allows operation from a second location when using a BG Smart master dimmer in conjunction with a BG Smart secondary dimmer.
- Works with Alexa, Siri and Google for hands free voice control.
- Straight forward installation with captive terminal screws and no neutral required, fits a 25mm back box.
- Overload protection protects lamps, with soft start and the ability to switch between trailing and leading edge in the App.
- Onboard your other BG Home devices with BG Connect, and control all your devices in one App.
- The dimmer can still be operated via the App even if the switch is turned off at the wall, providing an advantage over smart lamps.
- Compatible with incandescent, halogen and dimmable LED's (minimum 10W).

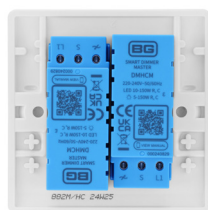
### Product Images



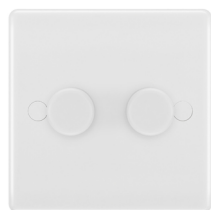
881M/HC



882M/HC



881S/HC



882S/HC

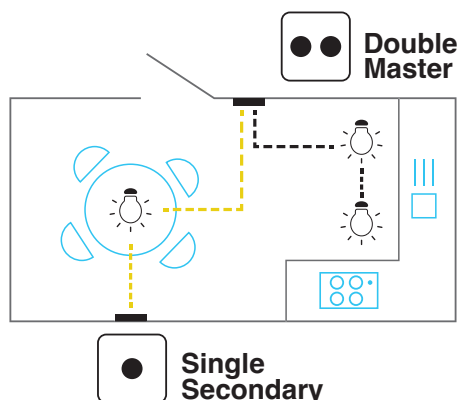


DMHCM



DMHCS





**Master:** Primary switch for one or multiple lights.

**Secondary:** Required for operating an existing light from a second location. The secondary switch must be used in conjunction with a master to provide 2-way light switching.

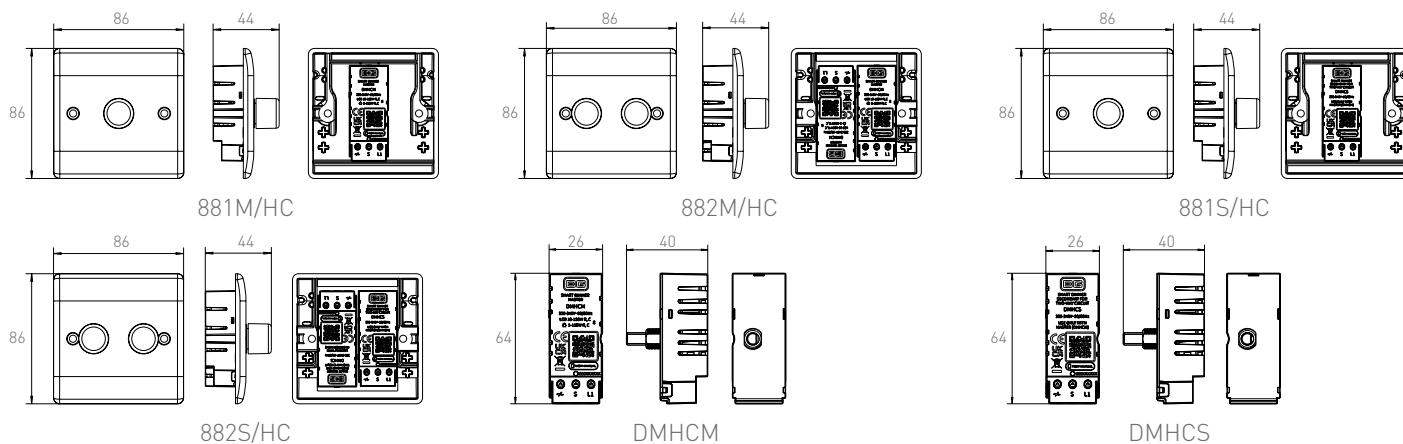
## Technical Specifications

|                          |                                                                                                                                                 |          |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Standard(s)              | Low Voltage Directive 2014/35/EU, EN 60669-2-1, RED & EMC                                                                                       | CE UK CA |
| Rating                   | 220-240V~50/60Hz                                                                                                                                |          |
| Load Rating              | LED Load (Trailing Edge): 10W-150W (Max)                                                                                                        |          |
|                          | LED Load (Leading Edge): 10W-100W (Max)                                                                                                         |          |
|                          | Incandescent Halogen Load: 5W-150W (Max)                                                                                                        |          |
| Compatible Lamp Types    | Must be rated as dimmable type                                                                                                                  |          |
|                          | Where multiple lamps are connected, they must be the same type                                                                                  |          |
| Type                     | Trailing Edge and Leading Edge (switchable in the App)                                                                                          |          |
| Terminal Capacity        | 3 x 1mm <sup>2</sup> 2 x 1.5mm <sup>2</sup> 1 x 2.5mm <sup>2</sup>                                                                              |          |
| Mounting Box Depth (Min) | 25mm                                                                                                                                            |          |
| Compatibility            | BG Smart Dimmer Modules are compatible with all BG Dimmer plates, including 800 Series, 900 Series, Nexus Metal, Screwless Flatplate and Evolve |          |
| Connection               | Bluetooth for initial connection (master), then operates via Wi-Fi (2.4GHz)                                                                     |          |
| Wireless IEEE Standards  | IEEE802.11b/g/n                                                                                                                                 |          |
| Security Type            | WAP/WAP2 Encryption standard                                                                                                                    |          |
|                          | Open/WEP-Open/WPA/WPA2                                                                                                                          |          |
| Security Mechanism       | Encryption algorithm: WEP64/WEP128/TKIP/AES                                                                                                     |          |
| Standby Power            | ≤1W                                                                                                                                             |          |
| Temperature range        | -5°C to +40°C                                                                                                                                   |          |
| RoHS Directive           | Yes                                                                                                                                             |          |
| WEEE Directive           | Yes                                                                                                                                             |          |

## App Features

|                          |                                                                                                                                                              |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Multiple sign in options | Facebook, Google, Email, Apple ID                                                                                                                            |
| Voice Control            | Amazon Alexa, Google Home, Siri                                                                                                                              |
| Family Sharing           | Share control with friends and family                                                                                                                        |
| Organise Devices         | Move devices in to 'rooms' and control them as a group                                                                                                       |
| Scenes                   | Create scenes to operate multiple devices together                                                                                                           |
| Random Mode              | Simulate home occupancy with random mode between a set start and end time                                                                                    |
| Dimming Features         | Dim up, down and set custom dimming options with scenes and timers                                                                                           |
| Timers                   | Set lights to turn on or off at set times of the day                                                                                                         |
| Backwards Compatibility  | Link your existing BG Home account (where applicable) to operate BG Home devices (sockets, adaptors, smart extension leads and lighting) in the BG Smart App |

## Line Diagrams



## Packaging Information

| Cat No. | Description             | Packaging Type |                |                 | Pack Quantity |           |           | Barcode       |               |               |
|---------|-------------------------|----------------|----------------|-----------------|---------------|-----------|-----------|---------------|---------------|---------------|
|         |                         | Product        | Inner Box      | Outer Box       | Each          | Inner Box | Outer Box | Individual    | Inner Box     | Outer Box     |
| 881M/HC | 800 SERIES 1G MASTER    | Window Box     | BG Printed Box | BG Brown Carton | 1             | 5         | 50        | 5050765261296 | 5050765261364 | 5050765261432 |
| 882M/HC | 800 SERIES 2G MASTER    | Window Box     | BG Printed Box | BG Brown Carton | 1             | 5         | 50        | 5050765261319 | 5050765261388 | 5050765261456 |
| 881S/HC | 800 SERIES 1G SECONDARY | Window Box     | BG Printed Box | BG Brown Carton | 1             | 5         | 50        | 5050765261302 | 5050765261371 | 5050765261449 |
| 882S/HC | 800 SERIES 2G SECONDARY | Window Box     | BG Printed Box | BG Brown Carton | 1             | 5         | 50        | 5050765261326 | 5050765261395 | 5050765261463 |
| DMHCM   | DIMMER MODULE MASTER    | Window Box     | BG Printed Box | BG Brown Carton | 1             | 5         | 50        | 5050765261333 | 5050765261401 | 5050765261470 |
| DMHCS   | DIMMER MODULE SECONDARY | Window Box     | BG Printed Box | BG Brown Carton | 1             | 5         | 50        | 5050765261340 | 5050765261418 | 5050765261487 |

## Weights & Dimensions

| Cat No. | Description             | Dimensions (H x W x D) cm |                   |                    |                    | Weight (kg)      |                |           |           | CBM (m <sup>3</sup> ) |
|---------|-------------------------|---------------------------|-------------------|--------------------|--------------------|------------------|----------------|-----------|-----------|-----------------------|
|         |                         | Unpacked Product          | Packed Product    | Inner Box          | Outer Box          | Unpacked Product | Packed Product | Inner Box | Outer Box |                       |
| 881M/HC | 800 SERIES 1G MASTER    | 8.6 x 8.6 x 4.4           | 15.1 x 10.6 x 4.9 | 16.2 x 11.2 x 26.2 | 34.4 x 27.3 x 57.1 | 0.085            | 0.14           | 0.79      | 8.32      | 0.05362               |
| 882M/HC | 800 SERIES 2G MASTER    | 8.6 x 8.6 x 4.4           | 15.1 x 10.6 x 4.9 | 16.2 x 11.2 x 26.2 | 34.4 x 27.3 x 57.1 | 0.119            | 0.174          | 0.95      | 9.99      | 0.05362               |
| 881S/HC | 800 SERIES 1G SECONDARY | 8.6 x 8.6 x 4.4           | 15.1 x 10.6 x 4.9 | 16.2 x 11.2 x 26.2 | 34.4 x 27.3 x 57.1 | 0.076            | 0.131          | 0.74      | 7.86      | 0.05362               |
| 882S/HC | 800 SERIES 2G SECONDARY | 8.6 x 8.6 x 4.4           | 15.1 x 10.6 x 4.9 | 16.2 x 11.2 x 26.2 | 34.4 x 27.3 x 57.1 | 0.102            | 0.157          | 0.87      | 9.15      | 0.05362               |
| DMHCM   | DIMMER MODULE MASTER    | 6.4 x 2.6 x 4.0           | 15.1 x 10.6 x 4.9 | 16.2 x 11.2 x 26.2 | 34.4 x 27.3 x 57.1 | 0.031            | 0.061          | 0.41      | 4.57      | 0.05362               |
| DMHCS   | DIMMER MODULE SECONDARY | 6.4 x 2.6 x 4.0           | 15.1 x 10.6 x 4.9 | 16.2 x 11.2 x 26.2 | 34.4 x 27.3 x 57.1 | 0.023            | 0.053          | 0.37      | 4.15      | 0.05362               |