

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

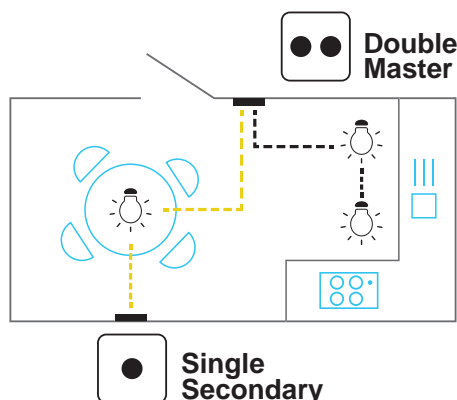


DMHCM



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.

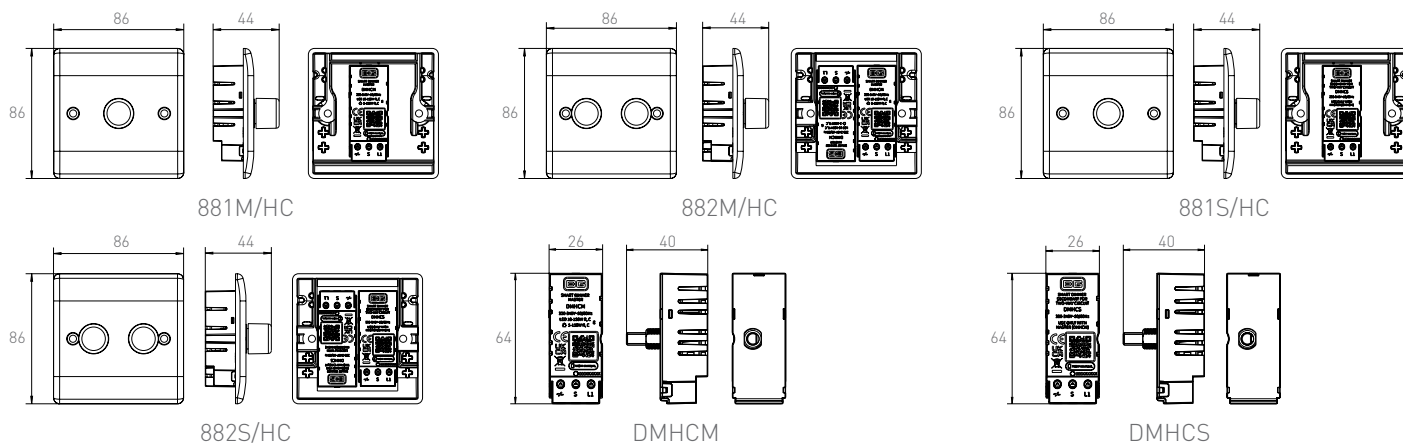
Technical Specifications

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 ² 2 x 1.5mm ² 1 x 2.5mm ²	
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 ³)
		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