

# Technical Specification

**Product Code:** GCBR140

**Description:** 1 Gang 2 Way 400Va Dimmer Switch



## General Information

|                                        |                                            |                                  |
|----------------------------------------|--------------------------------------------|----------------------------------|
| Plate Dimensions (mm)                  | 88 (W) x 88 (H) x 8 (D)                    |                                  |
| Dimensions With Gasket (mm)            | 91 (W) x 91 (H) x 9 (D)                    |                                  |
| Plate Fixing Centres - Horizontal (mm) | 60.3                                       |                                  |
| Style                                  | Georgian Rope Edge                         |                                  |
| Finish                                 | Polished Cast Brass                        |                                  |
| Gasket Colour                          | Supplied With Both Black & White Gasket    |                                  |
| Materials                              | Front Plate: Cast Brass                    | Control Button: Stainless Steel  |
|                                        | Rear Housing: Nylon                        | Terminals: Brass                 |
|                                        | Terminal Screws: Steel & Yellow Passivated | PCB: Mixed Components            |
|                                        | Earth Strap: Mild Steel                    | Gasket: Nylon                    |
| Anti Microbial Certified               | No                                         |                                  |
| Rated Voltage (V~) (Ue)                | 250                                        | Frequency (Hz) 50/60             |
| Load Rating (W)                        | 60 - 400                                   |                                  |
| Load Rating Comments                   | Suitable For Resistive / Inductive Loads   |                                  |
| Termination Type                       | Screw                                      |                                  |
| Terminal Size (mm)                     | Ø3.5                                       | Terminal Torque Value (Nm) 0.4   |
| Terminal Capacity - Solid (mm²)        | 2 x 1.5                                    |                                  |
| 2 Way Switch                           | Yes                                        |                                  |
| Switch Control Type                    | Press - ON/OFF, Rotate - Dim               |                                  |
| Dimmer Technology Type                 | Leading Edge                               |                                  |
| Dimmer Load Type                       | Resistive & Inductive                      |                                  |
| Minimum Back Box Depth (mm)            | 25                                         |                                  |
| Ingress Protection                     | IP20                                       |                                  |
| Operational Temperature (°C)           | -5 to +40                                  |                                  |
| Warranty (Years)                       | 10                                         | Warranty - Electronics (Years) 1 |

**Standards** BS EN 60669-1, BS EN 55015, BS EN 61000-3-2, BS EN 61000-3-3

## Additional Information

For cleaning / polishing of products, use only a soft, dry, clean cloth.  
We recommend the use of branded halogen lamps with all Deco® leading edge dimmers. The use of inferior, non-branded lamps may require the nominal rating of the dimmer to be reduced. These dimmer switches have not been designed to use with LED lamps. However, they may be suitable for some good quality LED lamps. For further information please contact Click® Technical support team.  
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram with the relevant product.  
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.

## Compatible Dimmer Modules

MD9014: 100W Dual Mode LED Dimmer Module  
MD9001: 6A Push ON/OFF (Dummy Dimmer / Non Dimmable) Module  
MD9010: 1-10V Analogue Rotary Dimmer Module  
MD9022: 40-250W Leading Edge Dimmer Module