



# Technical Data

## Fan Controller

### Brief product description:

BG's Neo Slimline range of wiring accessories, sleek polycarbonate with screwless clip-on front plate, available in gloss white and decoarative finishes.

### Features:

- Manufactured to BS EN 60669-2-1
- Minimum box depth 35 mm
- Concealed fixing screws

### Product Images



PCWH87



PCSL87



PCPW87

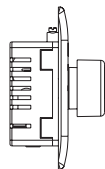
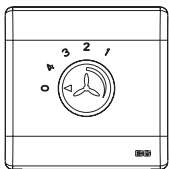


PCH87

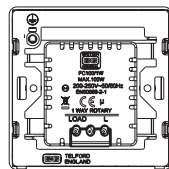
### Technical Specifications

Standard(s)	BS EN 60669-2-1
Rating	10 Amp, 250V-(10AX-no derating for inductive or fluorescent loads)
Contact Gap	3.0mm minimum
Terminal Capacity – L & N	3x2.5mm <sup>2</sup> , 3x4.0mm <sup>2</sup> & 2x6.0mm <sup>2</sup>
RoHS Directive	No
WEEE Directive	No
Mounting Box Depth(Min)	35mm
Fixing Centres	60.3mm
Size	86mmx86mmx50mm

### Line Diagrams



PCx87



# Fan Controller

## Packaging Information

Cat No.	Description	Packaging Type			Pack Quantity		
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box
PCxx87	Fan Controller, Rotary 100W	BG Printed Bag	BG Printed Box	BG Brown Carton	1	10	100

## Weights & Dimensions

Cat No.	Description	Dimension (W x L x H) cm			Weight (g)			CMB (m <sup>3</sup> )
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Outer Box
PCxx87	Rotary 100W	5x13x24.3	9.5x18.5x29.5	32x39.5x50	112	1120	12700	0.063

## Barcodes

Cat No.	Description	White (WH)			Champagne (CH)		
		Product	Inner Box	Outer Box	Product	Inner Box	Outer Box
PCxx87	Rotary 100W	5050765039611	5050765039932	5050765040259	5050765041478	5050765041744	5050765041478

## Barcodes

Cat No.	Description	Silver (SL)			Pearl White (PW)		
		Product	Inner Box	Outer Box	Product	Inner Box	Outer Box
PCxx87	Rotary 100W	5050765102766	5050765102803	5050765102841	5050765103930	5050765103978	5050765104012

## Installation Information

### Safety Warning

Before use please read carefully and use in accordance with these safety wiring instructions.

Before commencing any electrical work ensure the supply **is switched off at the mains**. Either by switching off the consumer unit or by removing the appropriate fuse.

Wiring should be in accordance with the latest edition of the IEE regulations (BS 7671).

### Wire Identification – Twin & Earth Cable

**EARTH** = Green/Yellow Sleaving

**NEUTRAL** = Black (pre Apr 04) / Blue (after Apr 04)

**LIVE** = Red (pre Apr 04) / Brown (after Apr 04)



**Technical Helpline: 03300 249 279**

**If in doubt consult a competent electrician.**

The ends of the individual conductors should have the insulation removed by approx. 12mm. Any bare earth conductors should be sleeved to within 12mm of the ends. (These details are for general information only and conductor lengths may need to be trimmed in certain installations).

### General Installation Instructions

- 1) If using the new product to replace an old one, note the cable connections and wire up new product in the same way as the old one, with Earthing as stated in these instructions.
- 2) Ensure the mounting box (metal or patress) for either flush or surface mounting is the appropriate size for the product.
- 3) Route the cable through the most suitable entry point of the mounting box. If a metal box is used, a protective cable grommet should be used.
- 4) Cables should be prepared so a sufficient conductor length reaches the terminals. Strip the ends of the individual conductors so that an adequate length enters the terminals.
- 5) Carefully arrange the wiring to lie along the edges of the product or box, keeping the central area clear.
- 6) To assist with the correct installation please consult the appropriate wiring diagram on this leaflet.
- 7) When connecting the new accessory ensure that only the bare end of the wire enters the terminal, and no bare wires are visible.

Always tighten the terminal screws securely, but do not overtighten.

An earth connection should always be made between the mounting box earth terminal, and the accessory earth terminal, where fitted. If this earth wire is bare, it is essential that it is sheathed with a length of green/yellow sleaving.

8) Carefully position the accessory into the wall box, ensuring that no wires are trapped between the plate and the wall. Do not overtighten the screws. (Fit screw covers + clip-on)

9) Once work has been completed correctly, replace the fuse for the circuit, switch the power back on, and test.

The product is now ready for use.

\* Note - If your installation uses a four lug metal mounting box, remove the top and bottom lugs or bend fully back.