



# Technical Data

## Intelligent Dimmer Switches - Push Type

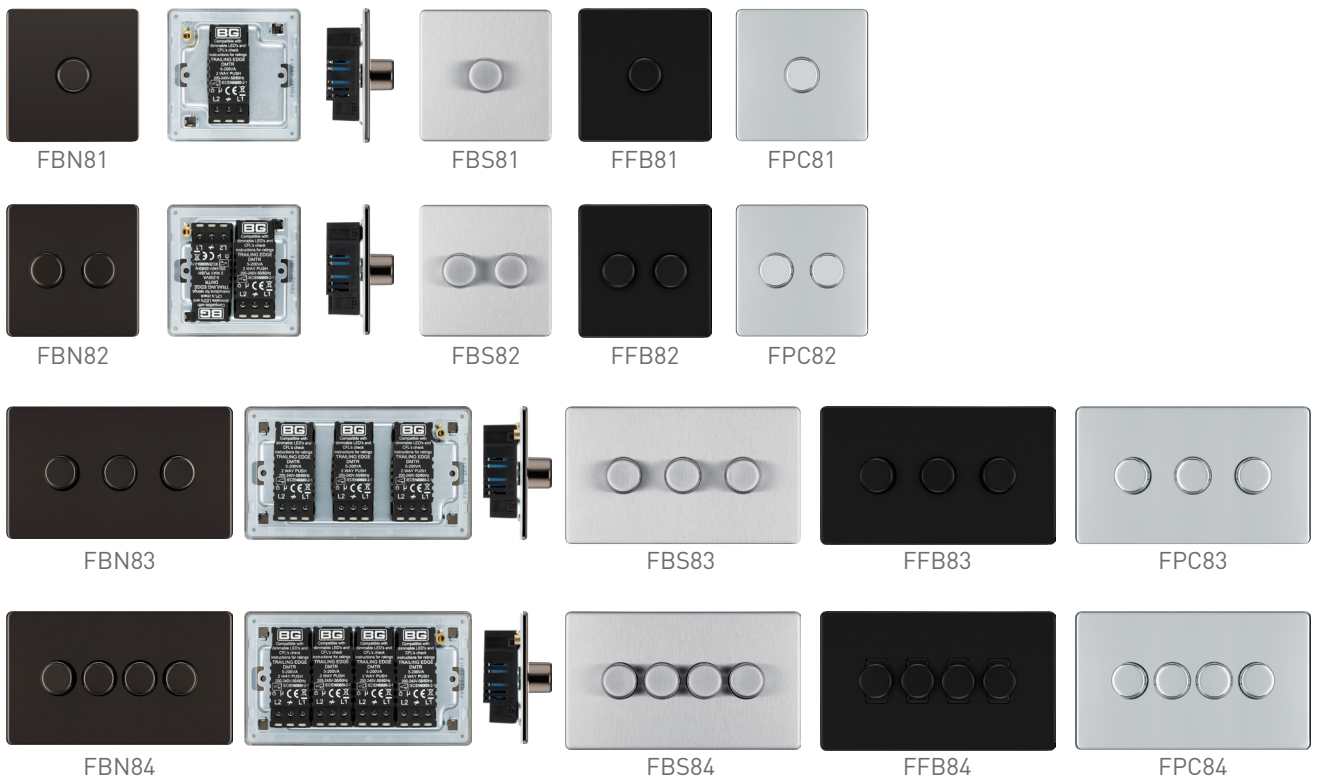
### Brief product description:

Screwless dimmers have a slimline design with a clip on/off front plate that will blend with any décor - suitable for domestic or commercial installations.

### Features:

- Intelligent trailing edge dimmers have a lower minimum load than leading edge dimmers, offering greater compatibility for LED, Halogen, CFL and incandescent lamps
- Soft start brings the lights to a set level in around 1 second and extends the life of lamps
- Overload protection prevents failure if you mistakenly connect your dimmer to too many lights or transformers, and will turn the lights down or off until the load is corrected
- Smooth dimming control
- Silent operation - no noise when dimming
- Support for lower wattage lamps eliminates flicker
- Rotary dimmer control with push on/off function
- Fixed integrated plastic gasket to protect metal edges from moisture
- Flat profile with rounded edges and secure easy 'clip on, clip off' front plate design
- Minimum mounting box depth: 25mm

### Product Images



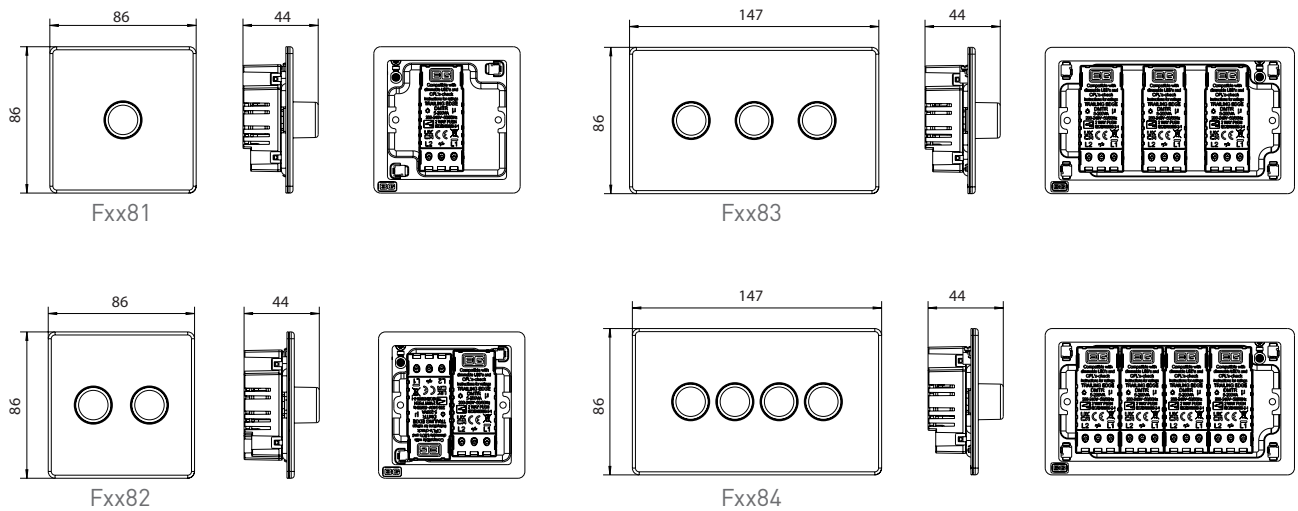


# Intelligent Dimmer Switches - Push Type

## Technical Specifications

Standard(s)	BS EN 60669-2-1	
Asta Approval	License Number 1019	
Voltage	200-250V AC	
Load Rating (Max/Min per module)		
Dimmable LED	5-100W	
Tungsten/Incandescent	5-200W	
Halogen	20-200W	
Dimmable Compact Fluorescent (CFL)	5-100W	
Type	Trailing Edge	
Terminal Capacity	3 x 1mm <sup>2</sup> 2 x 1.5mm <sup>2</sup> 1 x 2.5mm <sup>2</sup>	
RoHS Directive	Yes	
WEEE Directive	Yes	
Mounting Box Depth (Min)	25mm	
Fixing Centres	60.3mm (Fxx81 and Fxx82 products) 120.6mm (Fxx83 and Fxx84 products)	
Size	87.4mm x 87.4mm x 41.2mm (Fxx81 and Fxx82 products) 146.5mm x 86mm x 41.2mm (Fxx83 and Fxx84 products)	

## Line Diagrams





# Intelligent Dimmer Switches - Push Type

## 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
FBN81	1G 2-WAY DIM - BN	Eco Blister	Printed Box	Printed Box	1	5	50	5050765007030	5050765162333	5050765164375
FBS81	1G 2-WAY DIM - BS	Eco Blister	Printed Box	Printed Box	1	5	50	5050765006545	5050765162920	5050765164962
FFB81	1G 2-WAY DIM - FB	Eco Blister	Printed Box	Printed Box	1	5	50	5050765238151	5050765238342	5050765238533
FPC81	1G 2-WAY DIM - PC	Eco Blister	Printed Box	Printed Box	1	5	50	5050765005616	5050765163934	5050765153218
FBN82	2G 2-WAY DIM - BN	Eco Blister	Printed Box	Printed Box	1	5	50	5050765007047	5050765162340	5050765164382
FBS82	2G 2-WAY DIM - BS	Eco Blister	Printed Box	Printed Box	1	5	50	5050765006552	5050765006552	5050765006552
FFB82	2G 2-WAY DIM - FB	Eco Blister	Printed Box	Printed Box	1	5	50	5050765238168	5050765238359	5050765238540
FPC82	2G 2-WAY DIM - PC	Eco Blister	Printed Box	Printed Box	1	5	50	5050765005623	5050765163941	5050765153225
FBN83	3G 2-WAY DIM - BN	Eco Blister	Printed Box	Printed Box	1	5	30	5050765007054	5050765162357	5050765152075
FBS83	3G 2-WAY DIM - BS	Eco Blister	Printed Box	Printed Box	1	5	30	5050765006569	5050765162944	5050765152495
FFB83	3G 2-WAY DIM - FB	Eco Blister	Printed Box	Printed Box	1	5	30	5050765241311	5050765241328	5050765241335
FPC83	3G 2-WAY DIM - PC	Eco Blister	Printed Box	Printed Box	1	5	30	5050765005630	5050765163958	5050765153232
FBN84	4G 2-WAY DIM - BN	Eco Blister	Printed Box	Printed Box	1	5	30	5050765007061	5050765162364	5050765152082
FBS84	4G 2-WAY DIM - BS	Eco Blister	Printed Box	Printed Box	1	5	30	5050765006576	5050765162951	5050765152501
FFB84	4G 2-WAY DIM - FB	Grid - Bagged	-	-	1	-	-	5050765241342	-	-
FPC84	4G 2-WAY DIM - PC	Eco Blister	Printed Box	Printed Box	1	5	30	5050765005647	5050765163965	5050765153249

### Colour Reference:

BN = Black Nickel, BS = Brushed Steel, FB = Matt Black, PC = Polished Chrome

## 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	Outer Box
Fxx81	1G 2 WAY DIMMER	8.6 x 8.6 x 4.4	15.3 x 11.8 x 5	12.7 x 16.7 x 20.7	22.6 x 34.3 x 65.8	0.148	0.170	0.983	10.343	0.05101
Fxx82	2G 2 WAY DIMMER	8.6 x 8.6 x 4.4	15.3 x 11.8 x 5	12.7 x 16.7 x 20.7	22.6 x 34.3 x 65.8	0.186	0.208	1.158	12.093	0.05101
Fxx83	3G 2 WAY DIMMER	8.6 x 14.7 x 4.4	15.3 x 17.8 x 5	18.7 x 17 x 21.2	23.1 x 38.8 x 86.3	0.298	0.330	1.184	18.824	0.07735
Fxx84	4G 2 WAY DIMMER	8.6 x 14.7 x 4.4	15.3 x 17.8 x 5	18.7 x 17 x 21.2	23.1 x 38.8 x 86.3	0.333	0.365	1.989	20.574	0.07735