



# Technical Data

## Intelligent Dimmer Switches - Push Type

### Brief product description:

The BG Nexus Metal range has a sleek and slim profile with softly rounded edges that portrays a premium look, and is available in a wide range of finishes to cater for all tastes.

### 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
- Stylish modern profile with colour matched fixing screws
- Minimum mounting box depth: 25mm

### Product Images



NAB81



NBN81



NBS81



NFB81



NPC81



NAB82



NBN82



NBS82



NFB82



NPC82



NBN83



NBS83



NFB83



NBN84



NBS84



NPC84



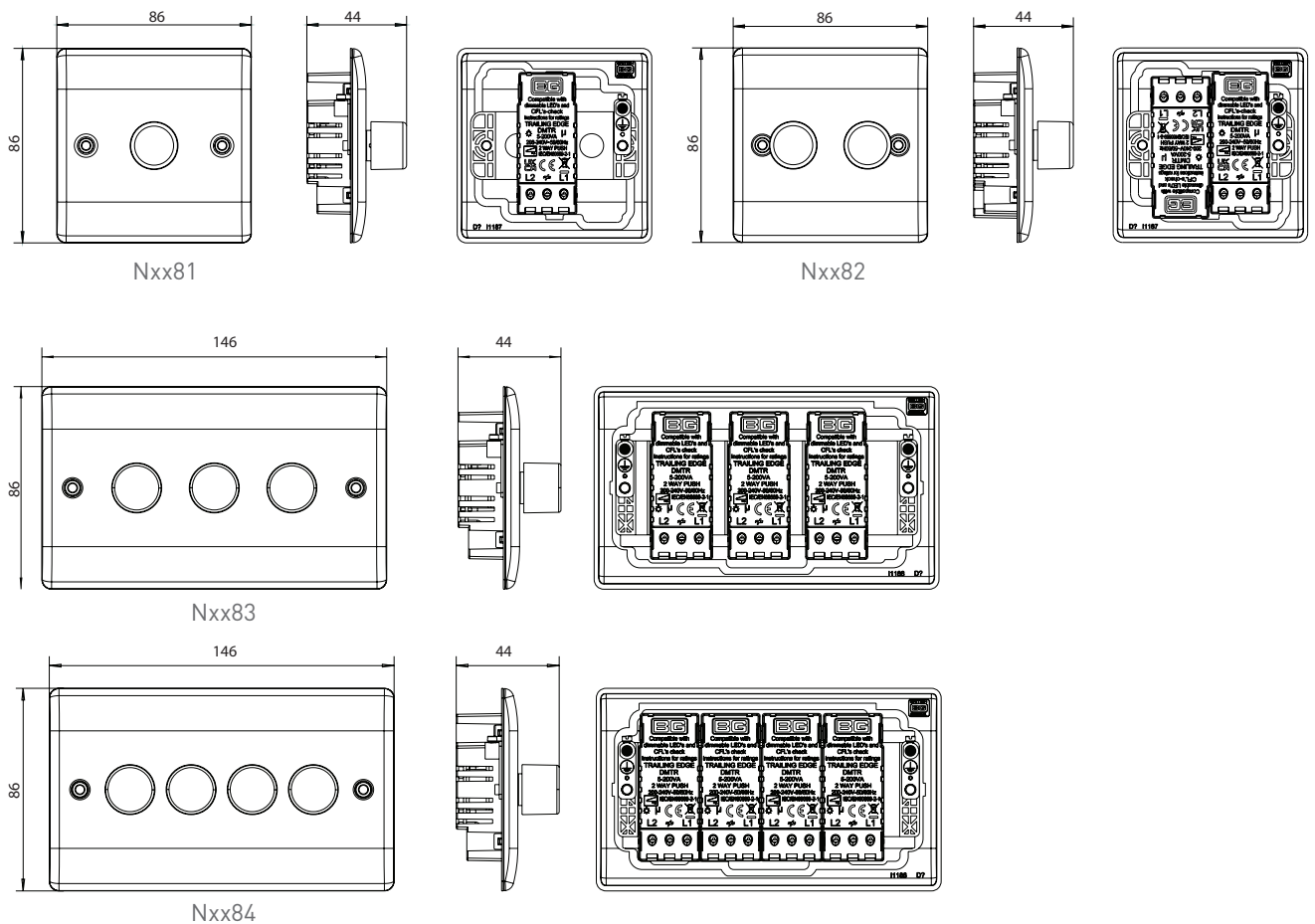
# Intelligent Dimmer Switches - Push Type

## 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 (Nxx81 and Nxx82 products) 120.6mm (Nxx83 and Nxx84 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
NAB81	1G 2-WAY DIM - AB	Eco Blister	Printed Box	Printed Box	1	5	50	5050765044424	5050765166478	5050765168977
NBN81	1G 2-WAY DIM - BN	Eco Blister	Printed Box	Printed Box	1	5	50	5050765023429	5050765023795	5050765024167
NBS81	1G 2-WAY DIM - BS	Eco Blister	Printed Box	Printed Box	1	5	50	5050765019118	5050765019484	5050765169622
NFB81	1G 2-WAY DIM - FB	Eco Blister	Printed Box	Printed Box	1	5	50	5050765239967	5050765240123	5050765240284
NPC81	1G 2-WAY DIM - PC	Eco Blister	Printed Box	Printed Box	1	5	50	5050765020220	5050765020596	5050765020961
NAB82	2G 2-WAY DIM - AB	Eco Blister	Printed Box	Printed Box	1	5	50	5050765044431	5050765166485	5050765168984
NBN82	2G 2-WAY DIM - BN	Eco Blister	Printed Box	Printed Box	1	5	50	5050765023436	5050765023801	5050765024174
NBS82	2G 2-WAY DIM - BS	Eco Blister	Printed Box	Printed Box	1	5	50	5050765145602	5050765019491	5050765019866
NFB82	2G 2-WAY DIM - FB	Eco Blister	Printed Box	Printed Box	1	5	50	5050765239974	5050765240130	5050765240291
NPC82	2G 2-WAY DIM - PC	Eco Blister	Printed Box	Printed Box	1	5	50	5050765020237	5050765020602	5050765020978
NBN83	3G 2-WAY DIM - BN	Eco Blister	Printed Box	Printed Box	1	5	30	5050765023443	5050765023818	5050765024181
NBS83	3G 2-WAY DIM - BS	Eco Blister	Printed Box	Printed Box	1	5	30	5050765019132	5050765019507	5050765019873
NFB83	3G 2-WAY DIM - FB	Eco Blister	Printed Box	Printed Box	1	5	30	5050765241670	5050765241694	5050765241717
NPC83	3G 2-WAY DIM - PC	Eco Blister	Printed Box	Printed Box	1	5	30	5050765020244	5050765020619	5050765020985
NBN84	4G 2-WAY DI - BN	Eco Blister	Printed Box	Printed Box	1	5	30	5050765023450	5050765023825	5050765024198
NBS84	4G 2-WAY DIM - BS	Eco Blister	Printed Box	Printed Box	1	5	30	5050765019149	5050765019514	5050765019880
NFB84	4G 2-WAY DIM - FB	Eco Blister	Printed Box	Printed Box	1	5	30	5050765241687	5050765241700	5050765241724
NPC84	4G 2-WAY DIM - PC	Eco Blister	Printed Box	Printed Box	1	5	30	5050765020251	5050765020626	5050765020992

**Colour Reference:**

AB = Antique Brass, BS = Brushed Steel, BN = Black Nickel, 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
Nxx81	1G 2 WAY DIMMER	8.6 x 8.6 x 4.4	15.3 x 12.0 x 5.0	12.7 x 16.7 x 20.7	21.9 x 34.3 x 64.8	0.108	0.132	0.74	7.94	0.04868
Nxx82	2G 2 WAY DIMMER	8.6 x 8.6 x 4.4	15.3 x 12.0 x 5.0	12.7 x 16.7 x 20.7	21.9 x 34.3 x 64.8	0.146	0.168	0.93	9.79	0.04868
Nxx83	3G 2 WAY DIMMER	8.6 x 14.6 x 4.4	15.3 x 18.0 x 4.8	16.0 x 18.4 x 25.5	33.1 x 26.3 x 56.3	0.233	0.265	1.45	9.14	0.04901
Nxx84	4G 2 WAY DIMMER	8.6 x 14.6 x 4.4	15.3 x 18.0 x 4.8	16.0 x 18.4 x 25.5	33.1 x 26.3 x 56.3	0.271	0.303	1.64	10.28	0.04901