



Technical Data

Double 13 Amp Power Socket with 22W Type C USB

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.

This innovative power socket with integrated 'fast charge' USB-A and USB-C ports can replace any standard socket - a neat solution with no loss of valuable power sockets.

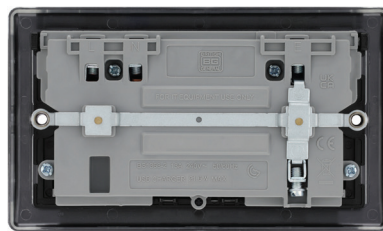
Features:

- 13A Power Sockets with integrated 'fast charge' USB-A & USB-C ports.
- Supports PD and QC charging protocols and outputs the best voltage & current for optimum charging.
- Smart Charging - Intelligently adjusts the voltage to give devices the power they need, when they need it, without overcharging.
- Compatible with all smartphone brands including Apple, Samsung, Google and Huawei.
- Sleek and slim metal profile with softly rounded edges.
- Moisture control gasket prevents tarnishing from new plaster.
- Angled, colour coded terminals with captive screws.
- Twin earth for high integrity circuits.
- Minimum mounting box depth: 25mm

Product Images



NFB22UAC22B



Technical Specifications

Standard(s)	BS 1363-2:2016+A1:2018, BS EN 62368-1:2014, EN55032
Rating	13 Amp 240V ~
Contact Gap	3.0mm minimum
Switch Type	Single Pole
Terminal Capacity - L & N	3 x 2.5mm ² , 3 x 4.0mm ² & 2 x 6.0mm ²
RoHS Directive	Yes
WEEE Directive	Yes
Mounting Box Depth (Min)	25mm
Fixing Centres	120.6mm



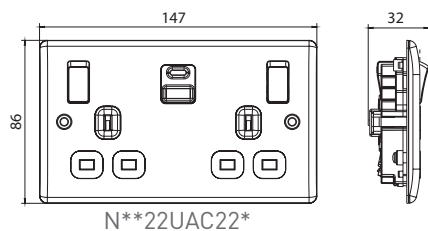


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Electrical Specification

Input Requirement	Input voltage range	200-240Vac±10%
	Input frequency range	50/60Hz
	Input current	1A Max
	Turn on delay time	≤1S
Input Protection	Input current protection	2A Fuse
USB C Output	Output power	21.6W max
	Output	5V/3A; 9V/2.4A; 12V/1.5A; 15V/1.4A; 20V/1A
	Charge protocols	PD3.0; QC3.0; Apple2.4A; Sumsung 2.0; Samsung AFC; Huawei FCP; BC1.2
USB A Output	Output power	21.6W max
	Output	5V/3A; 9V/2.4A; 12V/1.5A
	Charge protocols	QC3.0; Apple2.4A; Samsung2.0A; Samsung AFC; Huawei FCP; BC1.2
If both USB-C and USB-A are plugged in		USB-C Support 12W (5V/2.4A); USB-A Support 12W (5V/2.4A);
Protection	DC Output Over Current Protection	Recover automatically
	DC Output Over Voltage Protection	Recover automatically
	Reset After Shutdown	Yes
	Over-temperature protection	Yes
Standards & Safety Certification	CE ASTA	BS 1363-2:2016+A1:2018 EN 62368-1:2020+A11:2020
	CE EMC	EN 6100-6-1:2019 EN6100-6-3:2021
	EMI	EN55032
	HI-POT test	<5mA/4000V/60S

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
NFB22UAC22B	2G USB A+C 22W	Eco Blister	Printed Box	Printed Box	1	5	50	5050765250153	5050765250160	5050765250177

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	Outer Box
N**22UAC22*	2G USB A+C 22W	8.6 x 14.7 x 3.2	15.3 x 18 x 3.5	18.8 x 10.9 x 20.5	22.6 x 38.8 x 56.8	0.236	0.266	1.4	14.56	0.04981