



# Technical Data

## Double 13 Amp Power Socket with 22W Type C USB

### Brief product description:

The BG Screwless Flatplate range has a slimline design with a clip on/off front plate for a sleek and screwless finish.

The faceplates are simple to remove when decorating for a practical and convenient solution.

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.

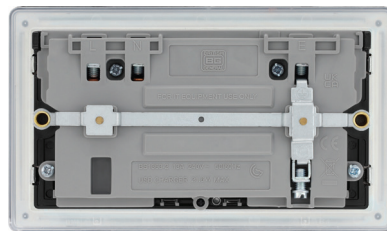
### Features:

- 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.
- Screwless front plate clips on and off easily and has a sleek flat profile.
- 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



FFB22UAC22B



### 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 <sup>2</sup> , 3 x 4.0mm <sup>2</sup> & 2 x 6.0mm <sup>2</sup>
RoHS Directive	Yes
WEEE Directive	Yes
Mounting Box Depth (Min)	25mm
Fixing Centres	120.6mm



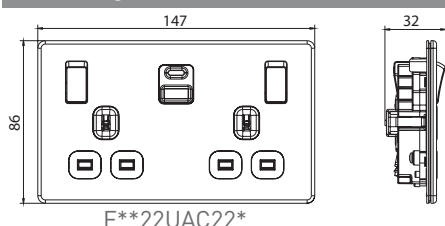


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### Electrical Specification

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
FFB22UAC22B	2G USB A+C 22W	Eco Blister	Printed Box	Printed Box	1	5	50	5050765251020	5050765253161	5050765253178

### 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
F**22UAC22*	2G USB A+C 22W	8.6 x 14.7 x 3.2	15.3 x 18 x 3.6	18.8 x 12.7 x 20.8	21.9 x 38.5 x 64.8	0.289	0.325	1.71	17.66	0.05464