

Brief Product Description

This recessed dual RCD consumer unit range allows installers to split power across two 30mA Type A RCDs, providing flexible circuit separation for applications such as lighting and power.

Designed for 18th Edition Wiring Regulations BS7671, units feature high-integrity configurations to maximise flexibility between protected and unprotected circuits, with optional Type 2 SPD variants available.

Features

- Dual 100A / 30mA Type A RCD configuration (split load)
- High integrity design for flexible circuit allocation
- Fully recessed for low visual intrusion
- Approx. 68–70mm depth into wall cavity
- Optional Type 2 SPD (pre-fitted variants available)
- Suitable for MCB, RCBO, AFDD and control devices
- Large rear and multiple cable entry knockouts (top, bottom and sides)
- Supplied with spare cover blanks
- Backed-out and retained terminal screws
- Optional cover lock

Technical Specifications

Installation Method	Recessed
Number of Phases	1
Protection Options	MCB, RCBO, AFDD, RCD, SPD
IP Rating	IP2XC
Colour	White (RAL9016)
Rated Current	100A
Rated Voltage:	230V / 50Hz
Insulation Voltage (Ui)	500V AC
Impulse Voltage (Uimp)	4kV
Short Circuit Rating	16kA
Terminal Capacity	35mm ²
Torque Setting	2.5Nm
Standards	BS EN 61439 / IEC 60947-3



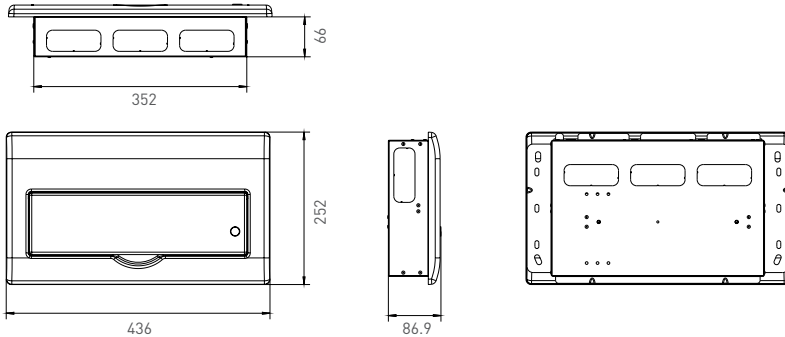
Consumer Unit Part Codes

Cat No	Modules	Ways	Main Switch	RCD	SPD Type 2	IP Rating	Cover Blanks
CFF16D1110	16	10	100A	2 x 100A	–	IP20	2
CFF22D1116	22	16	100A	2 x 100A	–	IP20	4
CFF16D11S9	16	9	100A	2 x 100A	Yes	IP20	2
CFF22D11S15	22	15	100A	2 x 100A	Yes	IP20	4

Product Images



Dimensional Line Drawing



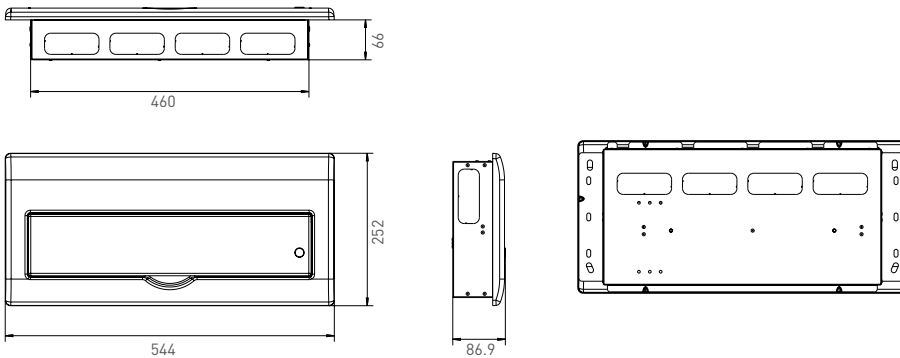
16 Module

Dimensions of product

Height: 252 mm

Width: 436 mm

Depth: 86.9 mm



22 Module

Dimensions of product

Height: 229.9 mm

Width: 208.4 mm

Depth: 115.9 mm

Consumer Unit Knockout Detail per face

Consumer unit	Top	Bottom	Base	Sides
CFF16D1110	3 x 92mm x 30mm	3 x 92mm x 30mm	3 x 92mm x 30mm	L - 1 x 92mm x 30mm, R - 1 x 92mm x 30mm
CFF22D1116	3 x 92mm x 30mm	3 x 92mm x 30mm	3 x 92mm x 30mm	L - 1 x 92mm x 30mm, R - 1 x 92mm x 30mm
CFF16D11S9	4 x 92mm x 30mm	4 x 92mm x 30mm	4 x 92mm x 30mm	L - 1 x 92mm x 30mm, R - 1 x 92mm x 30mm
CFF22D11S15	4 x 92mm x 30mm	4 x 92mm x 30mm	4 x 92mm x 30mm	L - 1 x 92mm x 30mm, R - 1 x 92mm x 30mm

Rated Diversity Factor (RDF)/Values of assumed loading

Number of Outgoing	Assumed Loading
2 and 3	0.8
4 and 5	0.7
6 to 9 Inclusive	0.6
10 and Above	0.5

Note: RDF only applies to continuously and simultaneously loading circuits. In principle this means adjacent circuit breakers having a load 'on' time exceeding 30 minutes or where a load not exceeding 30 minutes has an 'off' time less than the 'on' time will need to have the rating diversity factor applied as indicated.

Maintenance

To maintain the high quality appearance of this product BG Electrical recommend the use of a soft damp cloth periodically to clean the surfaces

ONLY CLEAN THE OUTSIDE OF THE CONSUMER UNIT.



CIRCUIT
PROTECTION

Technical Data

Recessed Dual RCD Consumer Units

Guarantee

BG Electrical Circuit Protection products are guaranteed against faulty materials and workmanship for a period of 10 years from date of delivery.

Products will be repaired or (at BG Electrical's discretion) replacements will be supplied or (at BG Electrical's discretion) a credit note will be issued. This guarantee is subject to BG Electrical's conditions of sale and in particular to the following conditions being met.



1. Notification of any defect is given as soon as reasonably practicable after becoming apparent, and the products then returned to BG Electrical.
2. The products have only been operated under normal operating conditions and have only been subject to normal use.
3. No work (other than normal and proper maintenance) has been carried out to the products without BG Electrical's prior written consent.
4. The products have been assembled, or incorporated into other goods, by a qualified and recognised electrician and only in accordance with any instructions issued by BG Electrical.
5. The defect has not arisen from an item manufactured or supplied by a person other than BG Electrical.

This guarantee does not affect any customer statutory rights.

All components used in a BG Electrical enclosure, must be supplied by BG Electrical.

The use of any other components will negate compliance to BS 61439 and the BG Electrical guarantee. Failure to fit the enclosure in accordance with these instructions will invalidate the guarantee.