



Technical Data

Dual RCD Consumer Units - Populated

Description:

This range of all metal consumer units offer a flexible solution for the 18th Edition Wiring Regulation BS7671.

Available in a number of sizes from 6 way to 16 way, these consumer units will suit most applications. Each unit has an integrated spirit level, aiding installing without additional tools.

Supplied with 100A Main Switch, 2x 63A RCDs. Each unit is supplied with busbar, label sheet, 2 cover blanks and instructions. These consumer units are fully populated, complete with MCBs. The terminal and busbar design provide maximum flexibility for combination of protected or unprotected circuits.

A range of RCBOs and additional BG control devices can be fitted into the consumer units.

Lockable covers available in the range, please contact BG for more information.

Product Images



Product Options

Cat No.	Description	Modules	Switch	Max Number of Ways	
				RCD1	RCD2
CFUDP16606-01	6 way with 100A switch, 2x 63A 30mA RCD's & 6x MCBs	12	4	6	5
CFUDP16610-01	10 way with 100A switch, 2x 63A 30mA RCD's & 10x MCBs	16	5	7	7
CFUDP16613-01	13 way with 100A switch, 2x 63A 30mA RCD's & 12x MCBs	19	5	8	8
CFUDP16616-01	16 way with 100A switch, 2x 63A 30mA RCD's & 12x MCBs	22	up to 9	up to 13	up to 11

Technical Specifications

Standard (s)	All metal consumer units comply with 18th Edition Wiring Regulations BS 7671 Consumer Unit: BS EN 61439-3 Main Switch: EN / IEC 60947-3 RCD: EN / IEC 61008 MCB: EN / IEC 60898
Max Current Rating	100(I _{na})
Operating Voltage	230V AC 50Hz (U _n /U _e)
Short Current Withstand	16kA rms
IP Rating	IP2XC
Installation	Indoor
Material	Steel
Finish	White gloss (matches BG white accessories)
UV Stability	Yes
Main Switch Terminal	35mm ² capacity
Main Switch Torque	2.5 Nm
RCD Terminal	35mm ² capacity
RCD Torque	63A: 2.5Nm;
MCB Terminal	16mm ² (32 - 50A is 25mm ²)
MCB Torque	2Nm

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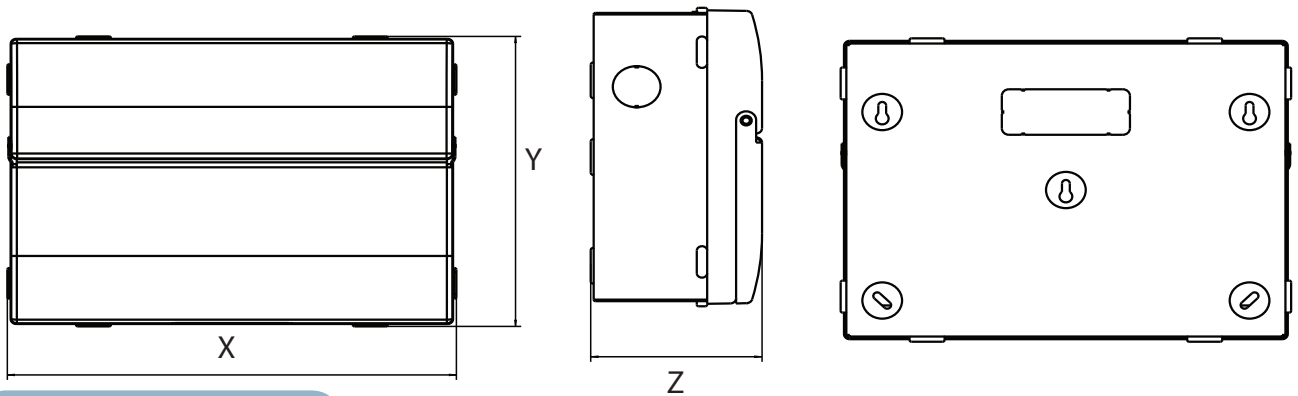
Product Contents

Consumer Unit Size	No of MCBs	MCB Type Included	No of Cover Blanks
6 Way	6	2x 6A, 1x 16A, 2x 32A, 1x 40A	2
10 Way	10	3x 6A, 2x 16A, 4x 32A, 1x 40A	2
13 Way	12	3x 6A, 2x 16A, 4x 32A, 1x 40A	2
16 Way	22	3x 6A, 1x 10A, 2x 16A, 4x 32A, 1x 40A, 1x 50A	4

Knockouts

Product	Top & Bottom Face	Sides	Base
12 Module	8 x ø20mm 1 x ø32mm	1x ø32mm	1 x ø50 x 100mm
16 Module	9 x ø20mm 2 x ø32mm	1x ø32mm	2 x ø50mm 1 x ø50 x 100mm
19 Module	13 x ø20mm 2 x ø32mm	1x ø32mm	3 x ø50 x 100mm
22 Module	16 x ø20mm 2 x ø32mm	1x ø32mm	1 x ø50 x 100mm

Line Diagrams



Consumer Unit Sizes

Cat No.	Dimensions (mm)			Fixing Centres (mm)		
	X	Y	Depth	X1	Y1	Z
CFUDP16606-01	325	241	122	258	180	5.5
CFUDP16610-01	402	241	122	330	180	5.5
CFUDP16613-01	456	241	122	438	180	5.5
CFUDP16616-01	501	241	122	-	180	5.5

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
CFUDP16606-01	6 way	Box	-	-	1	-	-	5050765175944	-	-
CFUDP16610-01	10 way	Box	-	-	1	-	-	5050765175951	-	-
CFUDP16613-01	13 way	Box	-	-	1	-	-	5050765175968	-	-
CFUDP16616-01	16 Way	Box	-	-	1	-	-	5050765175975	-	-

Weights & Dimensions

Cat No.	Description	Dimension (W x L x H) cm			Weight (kg)			CBM (m ³)
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Outer Box
CFUDP16606-01	6 way	325x24.1x12.2	-	-	5.04	-	-	0.0096
CFUDP16610-01	10 way	402x24.1x12.2	-	-	5.87	-	-	0.0118
CFUDP16613-01	13 way	456x24.1x12.2	-	-	6.97	-	-	0.0134
CFUDP16616-01	16 Way	50.1x24.1x12.2	-	-	6.95	-	-	0.0147