



Technical Data

Dual RCD Consumer Units - Populated

Description:

This range of all metal consumer units offer a flexible solution for the 17th Edition Wiring Regulation Amendment 3.

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, 80A & 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
CFDP18606	6 way with 100A switch, 1x 80A, 1x 63A 30mA RCD & 6x MCBs	12	4	6	5
CFDP18610	10 way with 100A switch, 1x 80A, 1x 63A 30mA RCD & 10x MCBs	16	5	7	7
CFDP18616	16 way with 100A switch, 1x 80A, 1x 63A 30mA RCD & 12x MCBs	22	up to 9	up to 13	up to 11

Technical Specifications

Standard (s)	All metal consumer units comply with 17th Edition Wiring Regulations BS 7671 Amendment 3 Consumer Unit: BS EN 61439-3 Main Switch: EN / IEC 60947-3 RCD: EN / IEC 61008 MCB: EN / IEC 60898
Max Current Rating	100A
Operating Voltage	230V AC 50Hz
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; 80A: 3.5Nm
MCB Terminal	16mm ² (32 - 50A is 25mm ²)
MCB Torque	2Nm

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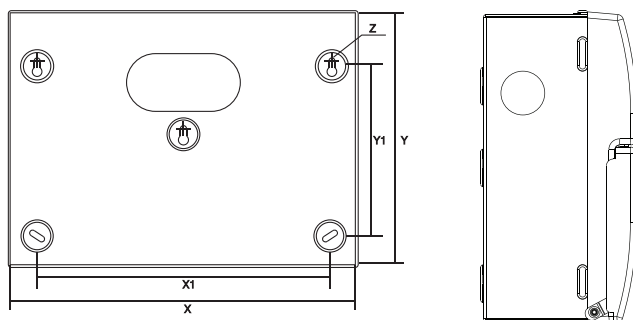
Product Contents

Consumer Unit Size	No of MCBs	MCB Type Included	No of Cover Blanks
6 Way	6	2x 6A, 1x 16A, 2 x 32A, 1 x 40A	2
10 Way	10	3x 6A, 2x 16A, 4 x 32A, 1 x 40A	2
16 Way	12	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
22 Module	13 x ø20mm 2 x ø32mm	1x ø32mm	3 x ø50 x 100mm

Line Diagrams



Consumer Unit Sizes

Cat No.	Dimensions (mm)			Fixing Centres (mm)		
	X	Y	Depth	X1	Y1	Z
CFDP18606	315	261	115	258	180	ø5.5
CFDP18610	389	231	115	330	180	ø5.5
CFDP18616	497	231	115	438	180	ø5.5

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
CFDP18606	6 way	Box	-	-	1	-	-	5050765143417	-	-
CFDP18610	10 way	Box	-	-	1	-	-	5050765143424	-	-
CFDP18616	16 way	Box	-	-	1	-	-	5050765143448	-	-

Weights & Dimensions

Cat No.	Description	Dimension (W x L x H) cm			Weight (kg)			CMB (m³)
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Outer Box
CFDP18606	6 way	31.5 x 26.1 x 11.5	-	-	4.88	-	-	-
CFDP18610	10 way	38.9 x 23.1 x 11.5	-	-	5.68	-	-	-
CFDP18616	16 way	49.7 x 23.1 x 11.5	-	-	6.76	-	-	-