



Technical Data

Main Switch Consumer Units - Unpopulated

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 4 way to 20 way, these consumer units will suit all applications. Each unit has an integrated spirit level, aiding installing without additional tools.

Supplied with 100A Main Switch. Each unit is supplied with busbar, label sheet, 2 cover blanks and instructions. The rest of the unit is unpopulated. Fully populated models are also available.

MCBs, RCDs, and 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	Max Total
CFUSW04	4 way with 100A switch	6	4	4	4
CFUSW07	7 way with 100A switch	9	7	7	7
CFUSW10	10 way with 100A switch	12	10	10	10
CFUSW14	14 way with 100A switch	16	14	14	14
CFUSW17	17 way with 100A switch	19	17	17	17
CFUSW20	20 way with 100A switch	22	20	20	20

Technical Specifications

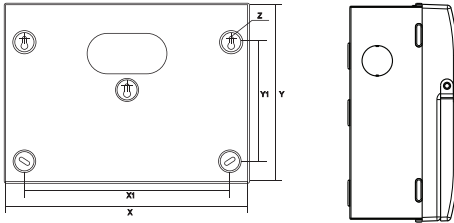
Standard (s)	All metal consumer units comply with 18th Edition Wiring Regulations BS 7671 Consumer Unit: BS EN 61439-3 Main Switch: EN / IEC 60947-3
Max Current Rating	100A
Operating Voltage	230V AC 50Hz
Short Current Withstand	16kA rms
IP Rating	IP2XC
Installation	Indoor
Material	Steel
Finish	White gloss (matches BG white accessories)
UV Stability	Yes
Cover Blanks	Each unit supplied with 2x cover blanks
Main Switch Terminal	35mm ² capacity
Main Switch Torque	2.5 Nm

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Knockouts

Product	Top & Bottom Face	Sides	Base
6 Module	4 x ø20mm 1 x ø32mm	1x ø32mm	1 x ø90 x 35mm
9 Module	4 x ø20mm 1 x ø32mm	1x ø32mm	1 x ø35 x 90mm
12 Module	8 x ø20mm 2 x ø32mm	1x ø32mm	1 x ø35 x 90mm
16 Module	9 x ø20mm 2 x ø32mm	1x ø32mm	2 x ø50mm 1 x ø35 x 90mm
19 Module	11 x ø20mm 2 x ø32mm	1x ø32mm	2 x ø50mm 1 x ø35 x 90mm
22 Module	13 x ø20mm 2 x ø32mm	1x ø32mm	3 x ø35 x 90mm

Line Diagrams



Consumer Unit Sizes

Cat No.	Dimensions (mm)			Fixing Centres (mm)		
	X	Y	Depth	X1	Y1	Z
CFUSW04	208	233	116	150	150	ø5.5
CFUSW07	262	233	116	186	180	ø5.5
CFUSW10	316	233	116	258	180	ø5.5
CFUSW14	388	233	116	330	180	ø5.5
CFUSW17	442	233	116	384	180	ø5.5
CFUSW20	496	233	116	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
CFUSW04	4 way	Box	-	Carton	1	-	6	5050765147279	-	5050765155199
CFUSW07	7 way	Box	-	-	1	-	-	5050765159364	-	-
CFUSW10	10 way	Box	-	-	1	-	-	5050765159319	-	-
CFUSW14	14 way	Box	-	-	1	-	-	5050765159609	-	-
CFUSW17	17 way	Box	-	-	1	-	-	5050765159661	-	-
CFUSW20	20 way	Box	-	-	1	-	-	5050765159722	-	-

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
CFUSW04	4 way	20.8 x 23.3 x 11.6	-	38 x 46 x 27	2.34	-	15.19	-
CFUSW07	7 way	26.2 x 23.3 x 11.6	-	-	2.88	-	-	-
CFUSW10	10 way	31.6 x 23.3 x 11.6	-	-	3.43	-	-	-
CFUSW14	14 way	38.8 x 23.3 x 11.6	-	-	3.86	-	-	-
CFUSW17	17 way	44.2 x 23.3 x 11.6	-	-	4.35	-	-	-
CFUSW20	20 way	49.6 x 23.3 x 11.6	-	-	4.74	-	-	-