



# Technical Data

## Main Switch Consumer Units - Unpopulated with SPD

### Description:

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

Available in a number of sizes from 5 - 18 way with SPD, these consumer units will suit all applications. Each unit has an integrated spirit level, aiding installing without additional tools.

Supplied with 100A Main switch and SPD device. Each unit is supplied with busbar, label sheet 2 or 4 cover blanks and instructions.

MCB, RCBO and Control Devices can be fitted into all of the consumer units depending on the circuit requirements.

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

### Product Images



### Product Options

Cat No.	Description	Modules	Number of Ways	Max Total
CFUSW05SPD	5 way with 100A switch with SPD	9	5	5
CFUSW08SPD	8 way with 100A switch with SPD	12	8	8
CFUSW12SPD	12 way with 100A switch with SPD	16	12	12
CFUSW15SPD	15 way with 100A switch with SPD	19	15	15
CFUSW18SPD	18 way with 100A switch with SPD	22	18	18

### Technical Specifications

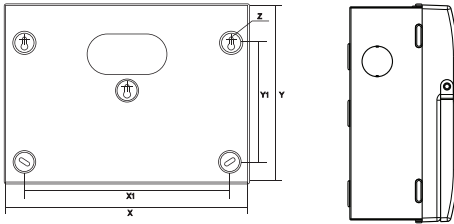
Standard (s)	All metal consumer units comply with 18th Edition Wiring Regulations BS 7671 SPD: IEC 61643-1 EN 61643 Type 2 MCB: IEC 60898-1 EN 6089-1
Max Current Rating	100A
Operating Voltage	230V AC 50Hz
Short Current Withstand	16kA rms
IP Rating	IP2XC
Installation	Indoor
Material	Steel
Finish	White gloss (matches BG white accessories)
UV Stability	Yes
Cover Blanks	2 or 4 cover blanks
Main Switch Terminal	35mm <sup>2</sup> capacity
Main Switch Torque	2.5 Nm
SPD Terminal	1.5 - 6mm
SPD Terminal Torque	L/N 1.2Nm PE 3Nm
MCB Terminal	25mm max
MCB Terminal Torque	2Nm

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## Knockouts

Product	Top & Bottom Face	Sides	Base
9 Module	4 x Ø20mm 6 x Ø32mm	1 x Ø32mm	1 x Ø35mm x 90mm
12 Module	6 x Ø20mm 6 x Ø32mm	1 x Ø32mm	1 x Ø35mm x 90mm
16 Module	10 x Ø20mm 8 x Ø32mm	1 x Ø32mm	2 x Ø35mm x 90mm 1 x Ø50mm
19 Module	14 x Ø20mm 8 x Ø32mm	1 x Ø32mm	2 x Ø35mm x 90mm 1 x Ø50mm
22 Module	18 x Ø20mm 8 x Ø32mm	1 x Ø32mm	3 x Ø35mm x 90mm

## 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
CFUSW05SPD	5 way 100A	Box	-	Carton	1	-	-	5050765194143	-	-
CFUSW08SPD	8 way 100A	Box	-	-	1	-	-	5050765194150	-	-
CFUSW12SPD	12 way 100A	Box	-	-	1	-	-	5050765194167	-	-
CFUSW15SPD	15 way 100A	Box	-	-	1	-	-	5050765194174	-	-
CFUSW18SPD	18 way 100A	Box	-	-	1	-	-	5050765194181	-	-

## Weights & Dimensions

Cat No.	Description	Fixing Centres (mm)	Weight (kg)
CFUSW05SPD	5 way 100A	26.2 x 23.1 x 11.6	2.88
CFUSW08SPD	8 way 100A	31.6 x 23.1 x 11.6	3.43
CFUSW12SPD	12 way 100A	38.8 x 23.1 x 11.6	3.86
CFUSW15SPD	15 way 100A	44.2 x 23.1 x 11.6	4.35
CFUSW18SPD	18 way 100A	49.6 x 23.1 x 11.6	4.74