

Consumer Units



Description

Range of consumer units suitable for domestic new build installations as well as for replacing existing units.

These consumer units are available in High Integrity configurations and are supplied with a 100A main switch and two pre-wired 80A Type A RCDs.

Features

- All metal enclosures are compliant to the 18th edition of the wiring regulations
- Pre-fitted 100A Main Switch and two 80A Type A RCD's, pre-wired
- Lockable cover to prevent circuits being switched on accidentally – lock available separately
- Conduit entry on top and bottom walls, plain side walls
- Large oval knockouts on rear of enclosure, supplied with grommets
- Raised DIN rail to allow cables to pass underneath
- Supplied with two blank modules and circuit identification labels

Range

Description	Item Code
16 module enclosure, 10 free ways	BV5034
18 module enclosure, 12 free ways	BV5035
22 module enclosure, 16 free ways	BV5036

Knockouts

Enclosure Size	Top Wall	Bottom Wall	Back Wall
16 Module	8 x Ø20mm 2 x Ø25mm	4 x Ø20mm 2 x Ø25mm 2 x Ø32mm	2 x 50mm x 100mm oval
18 Module	8 x Ø20mm 3 x Ø25mm	4 x Ø20mm 2 x Ø25mm 2 x Ø32mm	2 x 50mm x 100mm oval
22 Module	8 x Ø20mm 4 x Ø25mm	4 x Ø20mm 2 x Ø25mm 2 x Ø32mm	2 x 50mm x 100mm oval

Technical Specification

Voltage	240V ac	
Current Rating	100A max.	
Cable Terminal Capacity (E & N bars)	25mm ² max.	
N°. of Neutral Bars	3	
Standard	BS EN 61439-3	
Configuration examples	16 module:	2+4+4
		1+5+4
		5+5
	18 module:	2+6+6
		1+6+5
		6+6
	22 module:	2+8+8
		1+8+7
		8+8

Dimensions

Back Box

Enclosure Size	Height*	Width	Depth
16 Module	230mm	336mm	88mm
18 Module	230mm	372mm	88mm
22 Module	230mm	446mm	88mm

* Excluding flanges

Cover

Enclosure Size	Height	Width	Depth
16 Module	252mm	341mm	8mm
18 Module	252mm	377mm	8mm
22 Module	252mm	449mm	8mm