

## #MyInstall

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### 100A RCCB (RCD) High Integrity Design 1.0 Consumer Units

#### **Description**

The Design 1.0 range of consumer units are the perfect solution for every domestic installation. Compliant with the 18th Edition Wiring Regulations. Product feature include:

- ▼Conforms to BE EN 61439-3 Including Annex ZB (16kA rating)
- ightharpoonsReferences ending with m X indicate they are factory fitted with Type 2 SPD.
- ▼32A MCB Factory fitted for OCP for all SPD consumer units
- **∨**Cable clamps are factory fitted as standard as they are recommended on TT systems
- **V**Supplied with Din Rail that is dis-mountable
- VLockable as standard and locks are available as an accessory (VCPK-L)
- VAdditional height (260mm) to improve RCBO installation speed and safety
- **V**Blanks included
- ▼Part populated with MCBs (see size for details)

### **Product Options**

Part Number	Description	Usable ways
VCP10HI	16 Way High Integrity split (4+4+2) with 2x 100A 30mA Type A RCCBs, 2x 6A, 1x 16A, 3x 32A MCBs	10
VCP10HIX	16 Way High Integrity split (4+4+2) with 2x 100A 30mA Type A RCCBs, SPD & OCP, 2x 6A, 1x 16A, 3x 32A MCBs	8
VCP12HI	18 Way High Integrity split (5+5+2) with 2x 100A 30mA Type A RCCBs, 2x 6A, 1x 16A, 3x 32A, 1x 40A MCBs	12
VCP12HIX	18 Way High Integrity split (5+5+2) with 2x 100A 30mA Type A RCCBs, SPD & OCP, 2x 6A, 1x 16A, 3x 32A, 1x 40A MCBs	10
VCP16HI	22 Way High Integrity split (7+7+2) with 2x 100A 30mA Type A RCCBs, 3x 6A, 1x 16A, 5x 32A, 1x 40A MCBs	16
VCP16HIX	22 Way High Integrity split (7+7+2) with 2x 100A 30mA Type A RCCBs, SPD & OCP, 3x 6A, 1x 16A, 5x 32A, 1x 40A MCBs	14

\*MS - 100A Switch connector (Main switch), (VCP100MS).

\*SPD - Type 2 Single module factory fitted Surge protection device

\*OCP - 32A 6kA Type B Miniature circuit breaker for overcurrent protection (VCP132B)









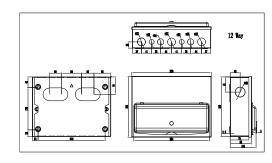
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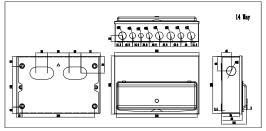
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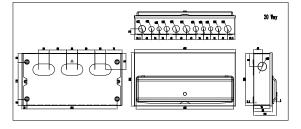
## **Technical Specifications**

Standards	All Design 1.0 Consumer Units Conform to BS EN 61439-3 Main Switch: EN/IEC 60947-3
	RCBO: EN /IEC 61009-1
Max Current Rating	100A
Operating Voltage	230V AC 50Hz
Short Current Withstand	16kA rms
IP Rating	IP2XC
Installation	Interior
Material	Steel
Finish	White soft gloss (RAL 9010)
UV Stability	Yes
Main Switch Terminal	35mm2 capacity
Main switch torque	2.5Nm
RCBO Terminal	16mm2 (32-40A is 25mm2)
RCBO Torque	2Nm
RCCB Rating	100A 30mA RCCB Type A

### **Dimensions**







# **Product Weights**

Part Number	Description	Weight (kg)
VCP10HI	10 way Design 1.0 with 100A MS	5.25
VCP10HIX	10 way Design 1.0 with 100A MS, SPD & OCP	5.5
VCP12HI	14 way Design 1.0 with 100A MS	5.6
VCP12HIX	14 way Design 1.0 with 100A MS, SPD & OCP	5.8
VCP16HI	18 way Design 1.0 with 100A MS	6.3
VCP16HIX	18 way Design 1.0 with 100A MS, SPD & OCP	6.4