

100A Switch connector (Main switch) 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
- ✓ References ending with **X** indicate they are factory fitted with Type 2 SPD.
- ✓ 32A MCB Factory fitted for OCP for all SPD consumer units
- ✓ Recommended for TT systems when utilising RCBO on all outgoing circuits
- ✓ Cable clamps are factory fitted as standard as they are recommended on TT systems
- ✓ Supplied with Din Rail that is dis-mountable
- ✓ Lockable as standard and locks are available as an accessory (**VCPK-L**)
- ✓ Additional height (260mm) to improve RCBO installation speed and safety
- ✓ Blanks included

Product Options

Part Number	Description	Usable ways
VCP8M	10 way Design 1.0 with 100A MS	8
VCP8MX	10 way Design 1.0 with 100A MS, SPD & OCP	6
VCP12M	14 way Design 1.0 with 100A MS	12
VCP12MX	14 way Design 1.0 with 100A MS, SPD & OCP	10
VCP16M	18 way Design 1.0 with 100A MS	16
VCP16MX	18 way Design 1.0 with 100A MS, SPD & OCP	14
VCP20M	22 way Design 1.0 with 100 MS	20
VCP20MX	22 way Design 1.0 with 100 MS, SPD & OCP	18

- *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)



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	35mm ² capacity
Main switch torque	2.5Nm
RCBO Terminal	16mm ² (32-40A is 25mm ²)
RCBO Torque	2Nm

Product Weights

Part Number	Description	Weight (kg)
VCP8M	10 way Design 1.0 with 100A MS	2.76
VCP8MX	10 way Design 1.0 with 100A MS, SPD & OCP	3
VCP12M	14 way Design 1.0 with 100A MS	3.4
VCP12MX	14 way Design 1.0 with 100A MS, SPD & OCP	3.7
VCP16M	18 way Design 1.0 with 100A MS	4
VCP16MX	18 way Design 1.0 with 100A MS, SPD & OCP	4.34
VCP20M	22 way Design 1.0 with 100 MS	4.54
VCP20MX	22 way Design 1.0 with 100 MS, SPD & OCP	4.8

Dimensions

