Proteus Data Sheet

Product Code	Product Range	Issue No.	Issue Date	Issue By
PEV231RCD	PEV.	A	07-10-2019	T. Tombs

Description

For Electric Vehicle charge point supply.
2 way 3ph board fitted with 3 x 7.2kW single phase MCB's cabled to 3 x 7.2kW 2P RCD's and 1 x 22kW 3ph MCB cabled to a 22kW 4 pole RCD. Mounted in steel enclosure.

Features

4 pole Main Switch – 100A AC22A.
Factory fitted devices.
Factory cabled.
Compact dimensions.
IP3X.

General Characteristics

Standards	BSEN 61439-3.
Current Rating	100A.
Voltage Rating	230/400V ac.
Fault Current Rating	10kA.
Enclosure	Steel.
IP Rating	IP3X.
No. of Poles	3 phase and neutral.
No. of Outgoing TP Ways.	2
Isolator Terminal Capacity and Torque	50mm^2. 2 - 2.5Nm.
2P RCD Terminal Capacity and Torque	35mm^2. 2.5Nm.
4P RCD Terminal Capacity and Torque	35mm^2. 5Nm.

Cable Entry Facility	Removable top plate. Blank for drilling on site.
Equipment Type	Fixed.
Approx. Weight	8 kg
Dimensions	538mmH x 326mmW x 110mmD.

Switchgear Fitted

Device	Rating
Isolator (Main Switch)	100A AC22A, 4 pole to BSEN 60947-3.
MCB's	3 x 7.2kW C curve SP and 1 x 22kW C curve 3P to BSEN 60898.
RCD's	3 x 7.2kW 2P and 1 x 22kW 4P, 30mA type A to BSEN 61008

Data sheets are available for individual devices.

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