



PVM-CC-1

Introduction

The PVM-CC-1 is one of the range of PVDC connection centres from **matt:e** designed to compliantly, efficiently and neatly integrate all Solar PV AC connections .

Fully 17th Edition Third Amendment compliant*, the unit has been specifically designed for to be connected in series with the incoming supply (installed between the main electricity meter for the dwelling and the consumer unit) and rated at 100A, the unit is suitable for the majority of domestic and light commercial / retail installations.

The PVM CC 1 has been specifically created to provide a simple single connection point for the AC connections on a PV systems and comes complete with a 100amp mains isolator, dedicated PV supply RCBO, 35mm² terminals for wire in wire our connection of mains tails and a Owen Brothers OB 100 MID approved generation meter.

The unit is not intended for any purpose other than that defined within this document.

Safety Advice

The unit must be installed in a dry ventilated location; it must never be covered or have restricted ventilation.

The **matt:e** PVM-CC-1 connection centre is rated for a maximum 100A load.

For any information not contained within this document, please contact our technical support team on

T: 01159 303623

E: info@matt-e.co.uk

*Due to the number of consumer unit fires reported within domestic properties regulation 421.1.201 has been added to BS 7671: 2008, which requires consumer units and similar switchgear to have their enclosures manufactured from non combustible material or to be enclosed in a cabinet constructed from non combustible material.

PRODUCT ADVISORY NOTICE



**Electrical
hazard**

Please read and observe the following notices carefully. These warnings must be observed when installing and operating the unit.

All relevant Ensure the electrical supplies are isolated or disconnected before installation or removing the cover of the PVM CC 1 unit.

This product must be installed by a competent person in accordance with the IEE Wiring Regulations, BS7671 (17th Edition or later) and current Building Regulations.

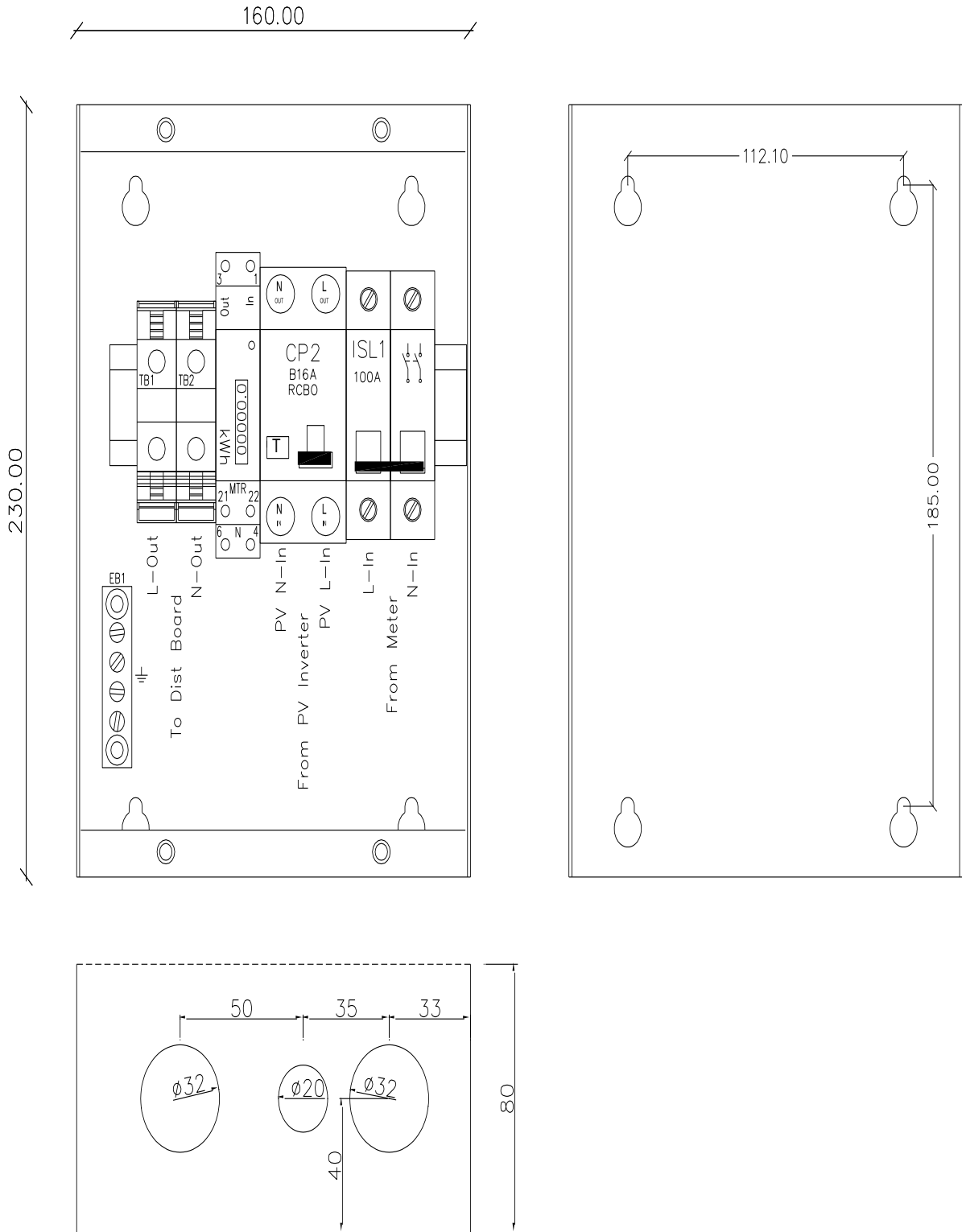
Specification

Input (Volts)	Nominal input voltage 230v, 50Hz, Single Phase AC
Max Load	100A
Dimensions	230mm x 180mm x 85mm
Weight	Approximately 3.0 kg
Operating Temperature	-5°C to +40°C
Terminal Capacity	Incoming Live = 35.0mm ² Outgoing Live = 35.0mm ² Incoming Neutral = 35.0mm ² Outgoing Neutral = 35.0mm ²
Enclosure	Mild Steel Powder Coated
Ingress Protection	IP20
Cable Entry Facility	Bottom – 2 x 32mm, 1 x 20mm Diameter
Document Revision	V1.0 Apr 2015

Mounting & Connections Details

For illustration purposes only.

Not to scale



Warranty Information

The PVM-CC-1 Connection Centre is guaranteed for a period of 12 months from the date of purchase. To extend this warranty to 10 years record the serial number of the unit on the enclosed Warranty Card and return it with proof of purchase to the address given below.

This warranty is limited to the replacement of faulty components only.

Model Number: PVM CC 1

Serial Number:

Date of installation:

Installer Details:

Site Address:

Please return this warranty card to

matt:e Ltd

Unit 1C Neander

Lichfield Road Industrial Estate

Tamworth

Staffordshire

B79 7XA

For further information or assistance please get in touch with matt:e

T: 01827 61231 E: info@matt-e.co.uk W: www.matt-e.co.uk





AFFIX
STAMP

Please return this warrant card to

matt:e Ltd

Unit 1C Neander

Lichfield Road Industrial Estate

Tamworth

Staffordshire

B79 7XA

