

**OB115-MOD-G6-
IP66-6W**

**OB115
Single Phase Remote Monitoring Kit**



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OB115-MOD-G6-IP66-6W

OB115 Single Phase Remote Monitoring Kit

CONTENTS

1 x OB115 Meter
with split core CT with 3 metre lead,
1 x 6 mod polycarbonate enclosure
with clear window,
1 x 4G Industrial grade Modem,
1 multi-network SIM card,
1 x high gain magnetic antenna, live and
neutral wiring with din rail fuse carriers
with 2A fuses & RS485 cable

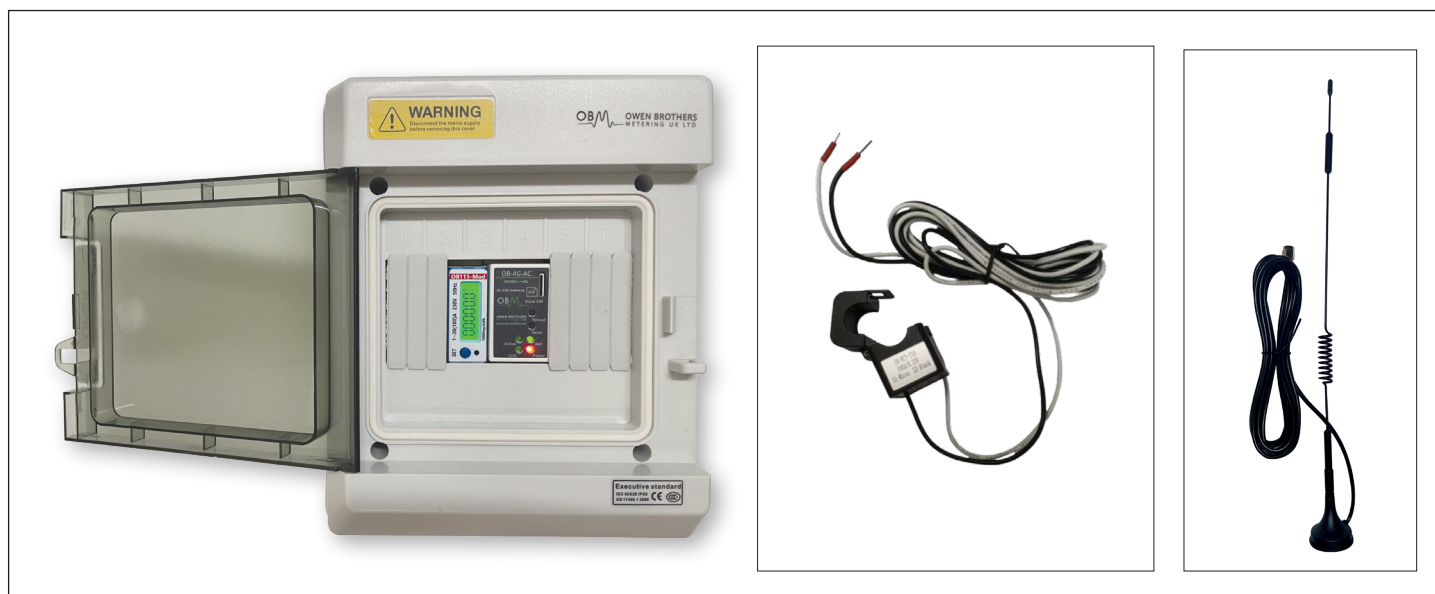
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DATASHEET



THE KIT

Product Name:	OB115 Single Phase Remote Monitoring Kit
Part Number:	OB115-MOD-G6-IP66-6W
Short Description:	Our online single phase monitoring kit is designed as a comprehensive metering solution with various components for measuring electrical parameters, communicating data and providing online monitoring capabilities. The kit is fully pre-wired and ready for installation, simply provide power.
Applications:	Commercial buildings, Residential and landlord metering, Retail and hospitality, EV charging, Solar PV systems, Remote and unmanned sites, Facilities management, Temporary site power
Why choose this product?:	Save time with remote monitoring, Reduce maintenance and site visits, Improve energy efficiency, Gain instant visibility of your data, Complete, ready-to-install solution, Trusted support from metering specialists
What's Included in the Kit:	1 x OB115 Meter with split core CT with 3 metre lead, 1 x 6 mod polycarbonate enclosure with clear window, 1 x 4G Industrial grade Modem, 1 multi-network SIM card, 1 x high gain magnetic antenna, live and neutral wiring with din rail fuse carriers with 2A fuses. 12 months remote monitoring access to the obmeters.com portal. Modem configuration, meter and user account set up.
Key Features:	Single phase electricity monitoring. Remote access to live and historical energy data. Secure cloud-based monitoring platform. Simple installation with pre-configured hardware. Automatic data logging and reporting. Reliable 4G connectivity Compact, robust enclosure suitable for a range of installations Scalable solution for single or multiple sites
HS Commodity Code:	9028301100

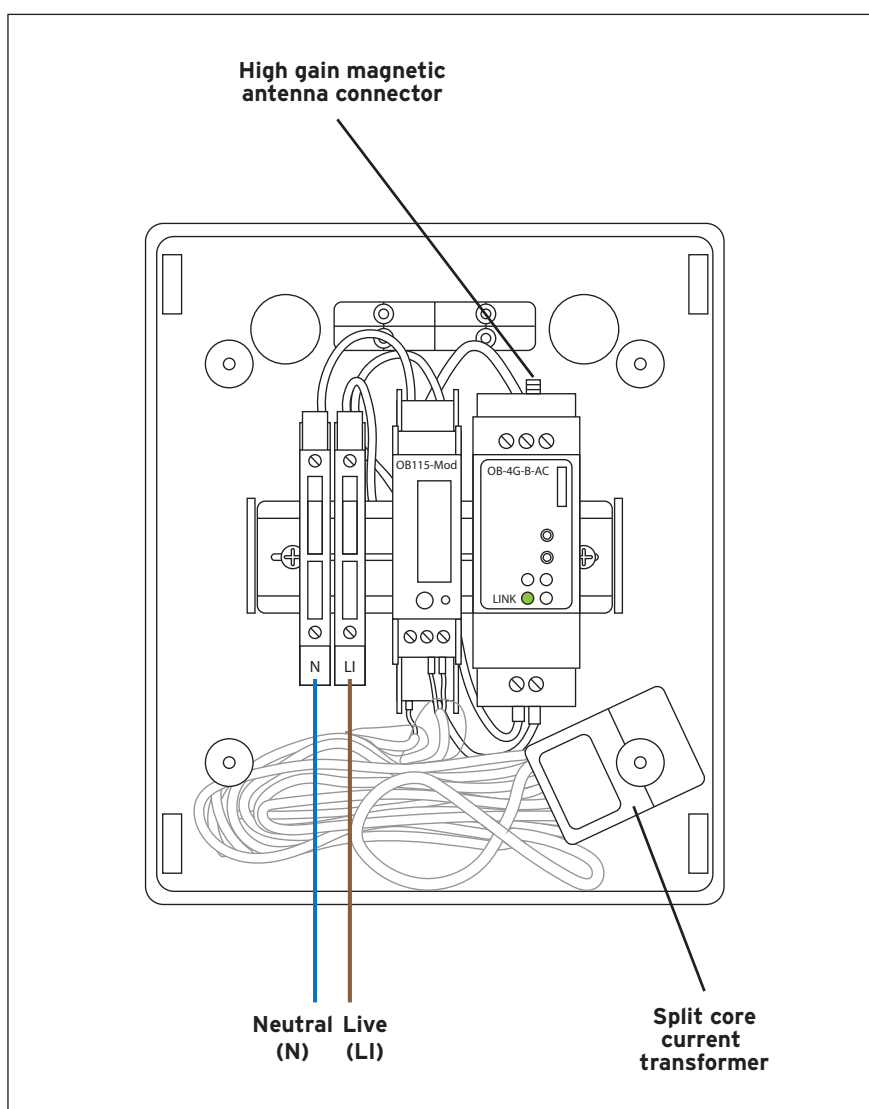


INSTALLATION

Single Phase Remote Monitoring Kit Installation

WARNING: Isolate the electrical supply before installation. Installation must be carried out by a suitably qualified person in accordance with local electrical regulations.

1. Connect the Live (L) and Neutral (N) wires as shown in the wiring diagram.
The supply can be taken from any 6 A breaker, ensuring the correct voltage reference is used.
2. Fit the current transformer (CT) around the live conductor being monitored.
Ensure the arrow on the CT points from the source towards the load.
3. Securely connect the antenna to the modem.
Fully extend the antenna and position it where there is good mobile signal reception.
4. Verify the SIM has connected to the portal.
The Link LED should display a solid green light, indicating a successful connection.



INSTALLATION (CONTINUED)

OB115 Single Phase Remote Monitoring Kit - Wiring Diagram



IMPORTANT
Isolate the electrical supply before installation.
Installation must be carried out by a suitably
qualified person in accordance with local
electrical regulations

1. SUPPLY CONNECTIONS

Connect Live (L) and Neutral (N) from a suitable
fused spur or 6 A breaker.
Ensure correct polarity.

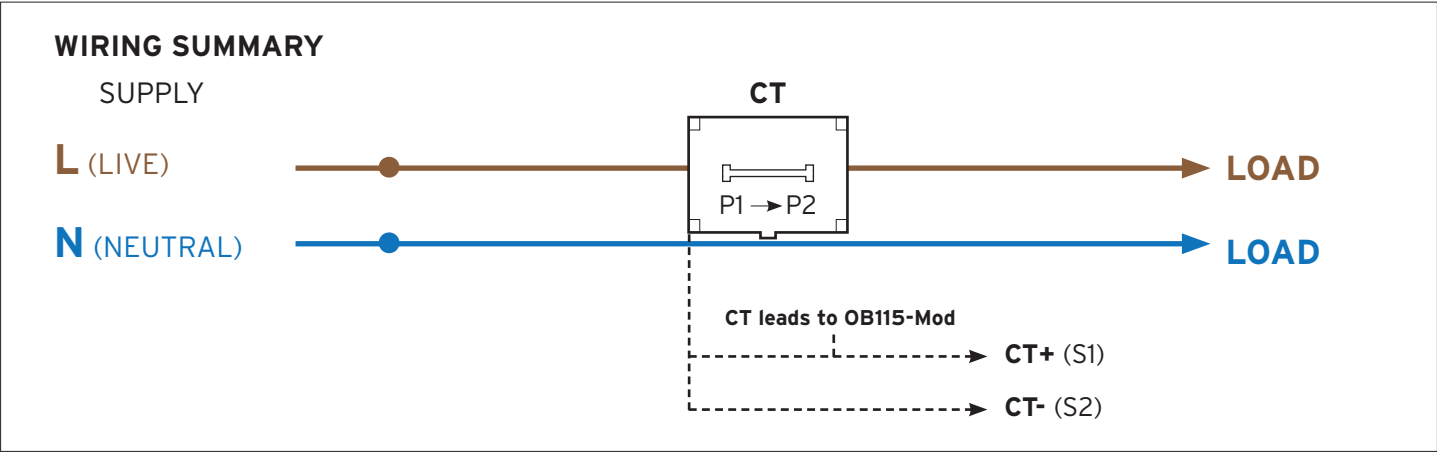
DEVICE TERMINALS	
Terminal	Connection
N	Neutral
LI	Live

2. CURRENT TRANSFORMER (CT)

Pass the Live conductor through the CT
(OB-WCT-T10) with the arrow pointing
from the supply towards the load.

Connect the CT lead to the OB115-Mod
terminals (CT+) and (CT-).

CT CONNECTIONS (OB115-Mod)	
Terminal	Connection
CT+	CT positive (S1)
CT-	CT negative (S2)



NOTES

- CT arrow (P1 - P2) must point from supply towards the load.
- Use the current transformer supplied with the OB115-MOD
- Ensure all the terminals are securely tightened.



TECHNICAL SPECIFICATION

METER: OB115-MOD Single Phase CT MID Meter

Voltage: 230V

Current: 100A

Communications: Digital

Accuracy: MID

ENCLOSURE:

Material: Plastic

IP Rating: IP66

Dimensions: 16cm W x 20cm H x 10cm D

Fitted with DIN rail
Clear window

PLUS: OBM-4G modem , 1 x 4G Industrial grade Modem,
1 multi-network SIM card, 1 x high gain magnetic
antenna

Live and neutral wiring with din rail fuse carriers
with 2A fuses & RS485 cable

NB: The meter supplied within this kit is the OB115MOD.
For detailed meter configuration and communications information,
refer to the Product Datasheets for the OB115-MOD and OB-4G-B-AC
- scan QR codes to view.



OB115-MOD



OB-4G-B-AC

TECHNICAL SUPPORT

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