

EFPVT-240 Voltage Sensor

Installation Manual

1. WARNINGS

Ecofront EFPVT-240 voltage transformer is a Type Z device. The external flexible cable or cord of this transformer cannot be replaced; if the cord is damaged, the transformer shall be scrapped.

The EFPVT-240 Voltage Sensor connects to 100V, 120V, and 240V AC circuits. Installation should be undertaken by a competent electrical trades person.

Do not use or store the device in locations that may experience adverse conditions such as high humidity, condensation, excessive temperature fluctuations or exposure to the elements (wind, sun or rain).

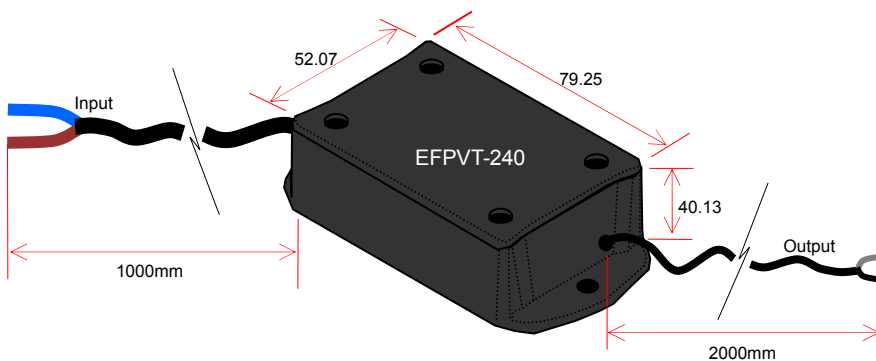
Do not subject the product to impact, shock or excessive vibration.

When disposing of this product, be careful to observe local waste disposal regulations.

2. APPLICATION

The Ecofront EFPVT-240 Voltage Sensor is a potential transformer and provides a linear output voltage proportional to the input voltage. The EFPVT-240 is optimally designed to interface with the Ecofront range of energy monitoring data loggers however can be interfaced with any device capable of reading low voltage signals. This document outlines how the transformer should be installed when used with an Ecofront or similar energy monitor.

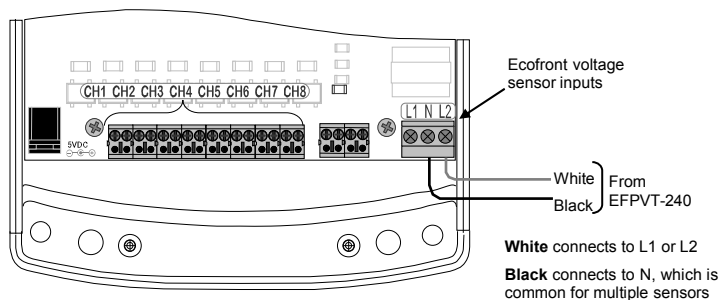
3. DESCRIPTION



The EFPVT-240 transformer is enclosed in a black ABS plastic case. The primary side (blue and brown cables) connect to mains AC and the secondary side (black and white cable) connect to the Ecofront energy monitor. The primary side is protected by an internal 250mA fuse.

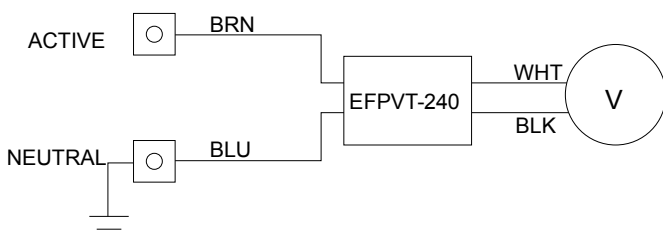
4. INSTALLATION

Connecting to Ecofront



The white low voltage cable connects to terminals L1 or L2 or L3 (Pro version only). The black cable connects to terminal N which is common for multiple connections.

Connecting to Mains AC



The brown (BRN) cable connects to Active. The blue (BLU) cable connects to Neutral.

5. WARRANTY STATEMENT

1. This EFPVT-240 Voltage Sensor is guaranteed against faulty workmanship and materials for a period of one (1) year from the date of installation.
2. This warranty is expressly subject to the EFPVT-240 being installed, wired, tested, operated and used in accordance with the manufacturer's instructions.
3. The warrantor is Ecofront Pty Ltd of 18 Tabulam Dr. Ferny Hills QLD 4055 Australia
4. Ecofront Pty Ltd reserves the right, at its discretion, to either repair free of parts and labour charges, replace or offer refund in respect to any article found to be faulty due to materials, parts or workmanship.
5. When making a claim the consumer shall forward the product to Ecofront with adequate particulars of the defect within 14 days of the fault occurring. The product should be returned securely packed, complete with details of the date and place of purchase, description of load, and circumstances of malfunction.
6. The benefits conferred herein are in addition to, and in no way shall be deemed to derogate; either expressly or by implication, any or all other rights and remedies in respect to the Ecofront product, which the consumer has under the Commonwealth Competition and Consumer Act or any other similar State or Territory Laws.