

CT-SC101-1000-S-500MX Current Transformer Specification

This document is intended to be used with the Packet Power 3-Phase Power Monitoring Module User's Manual. Please refer to it for important information.

Technical Specifications

CT Type: Split Core
Rated Input: 0-1000 Amps AC (nominal)
Max. (Load): 1200 A
Dimensions: see diagram. W=4", L=4" (101x101mm)
Accuracy: ±1%
Leads: 22AWG, 600V, 18AWG, black/white twisted
Lead Length: 0.5 meters with interconnect
Vector Indication: label points towards the source.

Installation Notes

Polarity: (see figure 2)

- Black wire to negative (-) terminal
- White to positive (+) terminal

To install the CT on the conductor cable:

- Attach the CT leads to the monitoring module while the module is not powered.
- Power down the load prior to installation.
- Only qualified personnel should install CTs on live circuits. If the CT is installed on a live circuit, it must be connected to the monitoring module or the leads must be shorted to avoid damaging the CT.
- Open the split core CT by pressing on the sides of the top of the CT and removing the top section
- Position the CT on the conductor such that the label on the CT is pointing toward the load end of the wire and away from the supply as shown in the diagram below (see figure 1).
- Close the CT and ensure the latch has clicked into place.

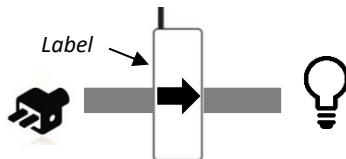
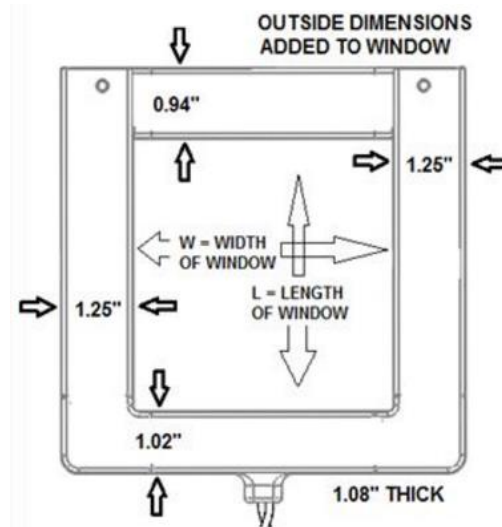


Figure 1: CT Orientation



A PHASE			B PHASE			C PHASE		
(+)	IA	(-)	(+)	IB	(-)	(+)	IC	(-)

Figure 2: Wire color polarity