

CT-AD-1250-200 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

Monitor Type: "K"

CT Type: Solid Core

Rated Input: 400 Amps AC (nominal)

Max Input (Load): 520 A

Inside Diameter: 31.75mm / 1.25"

Outside Diameter: 69mm / 2.7"

Width: 20mm / 0.8"

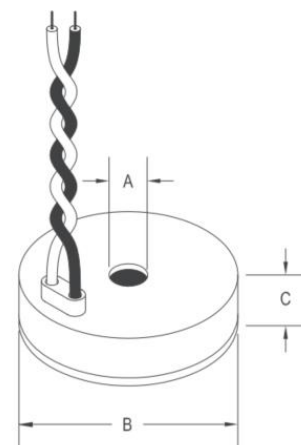
Accuracy: 1.0 Class ($\pm 1\%$) at 10% to 130% of rated input

Leads: 24 AWG

Lead Length: 8 ft

Vector Indication: the side of the CT that the leads enter from faces toward the LOAD and the arrow points toward the SOURCE.

DIMENSION	INCH	MM
A	1.250	31.75
B	2.700	68.58
C	0.800	20.32



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.
- Position the CT on the conductor such that the arrow on the CT is pointing toward the source end of the wire and away from the load as shown in the diagram below (see figure 1).

black to (-) on monitor

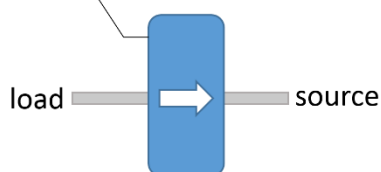


Figure 1: CT Orientation

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

Figure 2: Wire color polarity