

CS-400-CT SERIES SPLIT CORE CURRENT TRANSFORMER

Unique design listed under UL2808 allows for field installation of CT coils in manufactured subpanels and electrical cabinets while maintaining the UL rating and manufacturer warranty.

Designed for fast and easy installation, Cyber Switching's CS-400-CT Series split core transformers support our comprehensive energy management solutions. These CTs help satisfy all measurement and verification requirements, whether these arise from energy code mandates or comprise part of a rating system such as LEED.

QUICK AND EASY INSTALLATION

Ideal for use in either new construction or retrofits, the CTs' compact size and double latch secure locking system install on existing electrical wiring while the secure sleeve design isolates the metal core from high voltage electrodes for safety.

The split core design allows the CT to be opened and placed around the power cable; the installing contractor need not turn off power in the circuit, thus speeding up installation time. Once in place and connected to the CS-400-MM Series submeter module, the CTs begin measuring the electrical current flowing through the line with revenue-grade accuracy.



ROBUST PERFORMANCE

The CS-400-CT Series feature a compact form factor without sacrifice of any functionality, and are listed under the new UL2808 rating for field-installed CT coils. The device is available in three different models:

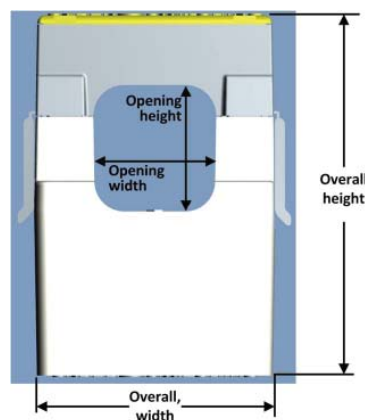
- CS-400-CT100 100 amp
- CS-400-CT300 300 amp
- CS-400-CT600 600 amp

Due to the accuracy and design of the Cyber Switching CS-400-MM submeter module, the CT coils are used over a wide range of current, so fewer different coils need to be purchased or stocked.

Offering high quality performance combined with long-term reliability, the CS-400-CT Series features revenue-grade accuracy of $\pm 0.5\%$ in standard grade for currents between 10-110% of rated load.

The CT devices connect to the CS-400-MM submeter module via UL-rated 18AWG leads for streamlined installation and setup. In addition, they are an integral component of Cyber Switching's comprehensive Demand Response Solution.

FEATURE	TECHNICAL SPECIFICATION
Current	Maximum continuous primary current 100A/300A/600A
Output	0.333VAC at max current
Accuracy	± 0.5% from 5% to 120% of rated current
Maximum Primary Voltage	5000VAC (Insulated Conductor)
Phase angle	Less than 2 degrees at 50% of rated current
Frequency Range	50 Hz to 400 Hz
Operating Temperature	-15C to 60C.
Leads	1.5m, UL1015, Twisted Pair, 18AWG, 600V insulation
Standard ratings	UL Listed 2808; RoHS compliant
Warranty	5 year manufacturer warranty against defects



Product NO.	Height	Width	Depth	Opening Height	Opening Width	Max. Wire Size (MCM)
CS-400-CT100	55 mm (2.16")	35 mm (1.37")	39 mm (1.52")	14 mm (0.55")	11 mm (0.43")	—
CS-400-CT300	75 mm (2.95")	51 mm (2")	41 mm (1.61")	25 mm (0.98")	23 mm (0.90")	400
CS-400-CT600	90 mm (3.54")	59 mm (2.32")	49 mm (1.93")	31 mm (1.22")	31 mm (1.22")	750

NOTE: Arrow on split core housing should point toward the source.

ORDERING INFORMATION

PRODUCT NO.	PRODUCT DESCRIPTION
CS-400-CT100	Split Core CT Coil, 100 amp
CS-400-CT300	Split Core CT Coil, 300 amp
CS-400-CT600	Split Core CT Coil, 600 amp