SPLIT-CORE CURRENT TRANSFORMERS

CTS-2000, 2" x 2" Opening, 400 to 1200 Amps

Overview

Current transformers are devices used to measure current by converting primary alternating current to a safe low voltage (0.333 Vac) output for the measurement of power and energy. Split-core CTs allow for installation without disconnecting the primary conductor, a large advantage providing for a quick and less obtrusive installation.

The CTS series CTs do not require shorting blocks because they contain an internal secondary burden resistor, so there is no possibility of high voltage on the secondary. The internal burden resistor converts the secondary current (mA) into a safe 0.333 Vac output. CTS CTs are intended for energy monitoring with accuracies of 1% of reading from 10% to 130% of rated current.

CTS split-core current transformers are designed for large and medium diameter installations and current loads from 400 to 1200 amps. The CTS series CTs are offered in one standard size with a 2" x 2" window.

Specifications

- **Accuracy:** 1% from 10% to 130% of rated current
- **Standard Rated Current Models:** 400 to 1200 amp models
- **Line Frequency:** 50 to 60 Hz
- **Output Voltage at Rated Amps:** 0.33333 Vac
- **Operating Temperature:** -20°C to +55°C
- **Safe:** integral burden resistor, no shorting block needed
- **Core Material:** silicon-iron
- **Standard Lead Length:** 8 ft, 22 AWG twisted pair, 600 Vac
- Split-core with removeable leg
- UL Recognized
- CE, RoHS compliant

⚠️ WARNING

This product can expose you to chemicals including Diisononyl Phthalate (DINP), which is known to the State of California to cause cancer. For more information go to: www.P65Warnings.ca.gov
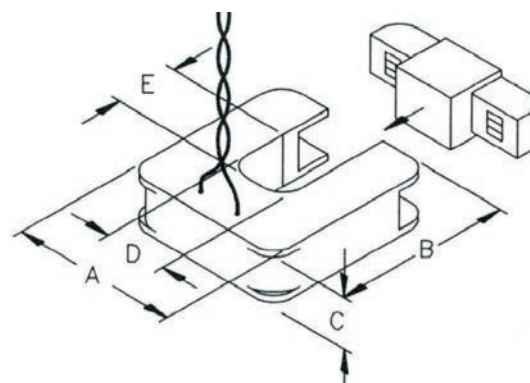
Dimensions

Dimension	Inch	MM
A	4.75	120.65
B	5.00	127.00
C	1.20	30.48
D	2.00	50.80
E	2.00	50.80

Models

Model Number	Rated Amps
CTS-2000-400	400
CTS-2000-600	600
CTS-2000-800	800
CTS-2000-1000	1000
CTS-2000-1200	1200