

# CT3-E-XX

## Split core current transformer 50A - 400A



- Split core
- Safe operation
- Small size
- Very easy mounting
- Wide inner window

Model number:	<b>CT3-E-50</b>	50A
	<b>CT3-E-100</b>	100A
	<b>CT3-E-250</b>	250A
	<b>CT3-E-400</b>	400A
Connect to:	<a href="#">PM3-E-D-CT</a>	
	terminals 15 - 20	
Mounting:	on wire	

## General description

The CT-3-E-xx split core current transformer is designed for fast and easy installation. The split core design permits non-contact current measurements through magnetic field induction without requiring that the primary wire be taken off line and disconnected for CT installation. This method permits a safer easy and portable current measurement. An internal precision burden resistor across the secondary winding of the CT provides a safe low voltage output and permits safe opening of the secondary circuit.

## Technical specifications

Frequency	50-60 Hz
Rated current	50 A -400 A
Accuracy	$\pm 1\%$ from 20% to 120% of rated current
Phase angle	less than 2 degrees at 50% of rated current
Insulation voltage	600 VAC
Maximum primary voltage	5000 VAC (insulated conductor)
Dielectric strength	2.5 kV/1mA/1min
Operating temperature	-15 to 60°C

Operating humidity	< 85 %
Case material	PC/UL94-V0
Bobin	PBT
Core	Permalloy
Internal structure	Epoxy
Leads	UL 1015, Twisted pair, 22 AWG