

Current transformer

Split core current transformer 50A - 400A



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

Model number:	CT-3-E-50	50A
	CT-3-E-75	75A
	CT-3-E-100	100A
	CT-3-E-250	250A
	CT-3-E-300	300A
	CT-3-E-400	400A
Connect to:	PM3-E-D-CT	
		terminals 15 - 20
Mounting:		on wire

General description

The CT-3-E-50 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	±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

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