

# AC / DC "CT" STYLE CURRENT TRANSDUCERS

**TYPES: CCT31.3 RMS / xxx**

**CCT41.4 RMS / xxx**



## FEATURES

- Primary currents from 0-50 Amps to 0-750 Amps
- Universal AC 20Hz to 6KHz or DC measurement
- Output 4-20mA
- Class 1 accuracy
- TRMS measurement
- Foot mounted
- Two frame sizes
- Fast response time

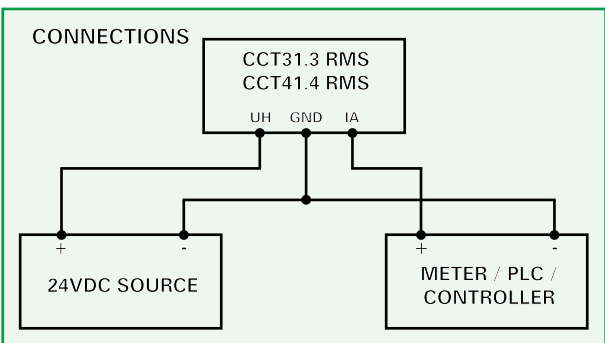
## DESCRIPTION

A range of moulded case high accuracy **universal DC or AC "CT" style** current transducers, any AC current measured can be on a frequency range of between 20Hz and 6KHz. As would be expected of a product of this type and specification the measurement technology is TRMS. The output requires a 24VDC auxiliary supply, generating a 4-20mA output proportional and linear to the primary range of the transducer. Measurement ranges of between 0-50 Amps and 0-750 Amps are available in two frame sizes.

These products are particularly relevant with the growing prevalence of DC systems such as in the telecommunications, railway, and renewable energy sectors. Likewise the wide frequency range enables these products to be very suitable for distorted wave form scenarios, 400Hz systems and applications using VFD's.

## SPECIFICATIONS

Measuring range:	0-50 Amps to 0-750 Amps
Frequency:	DC & 20Hz to 6KHz AC (universal)
Output:	4-20mA
Auxiliary supply:	24VDC +/-15%
Max output load:	<500 Ohms
Accuracy:	Class 1
Response time:	<200 mSec
Insulation:	720V continuous
Insulation test:	6KV 50Hz for 1 min.
Max primary current:	1.2 x I <sub>n</sub> continuous
Operating temp:	-25°C to +60°C
Terminals:	Quick release max 2.5mm



## ORDERING INFORMATION

P/No.	PRIMARY CURRENT	OUTPUT
CCT31.3 RMS	50A	4-20mA
	100 A	4-20mA
	150 A	4-20mA
	200 A	4-20mA
	250 A	4-20mA
	300 A	4-20mA

P/No.	PRIMARY CURRENT	OUTPUT
CCT41.4 RMS	150 A	4-20mA
	200 A	4-20mA
	250 A	4-20mA
	300 A	4-20mA
	400 A	4-20mA
	500 A	4-20mA
	600 A	4-20mA
	750 A	4-20mA

