

CR3100 Series



CR3110-3000



CR3111-3000

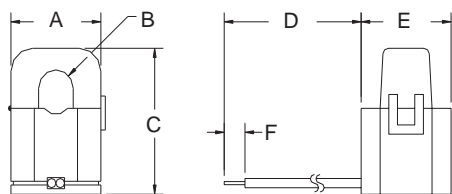
PART NUMBER

CR3110 - 3000	75 Amp
CR3111 - 3000	100 Amp

SPLIT CORE CURRENT TRANSFORMERS

Part Number	I _{max}	V _{max} RMS	T _e (typ.)	DCR	Frequency
CR3110-3000	75	15	3100	515	20 - 1 KHz
CR3111-3000	100	19	3150	370	20 - 1 KHz

OUTLINE DRAWING



PART NUMBER	A	B	C	D	E	F
CR3110-3000	1.04	0.40	1.58	6.00	1.04	0.24
CR3111-3000	1.27	0.58	1.63	6.10	1.27	.20

The **CR3100** Series Split Core Current Transformer is designed to provide a low cost method to monitoring electrical current. A unique hinge and locking snap allows attachment without interrupting the current-carrying wire. High secondary turn will develop signals up to 10.0 VAC across a burden resistor.

Applications

Portable Instruments
Sub-Metering
Monitor Motor Loads

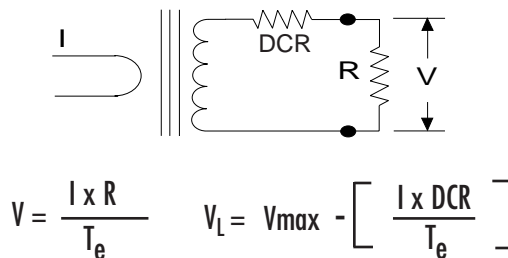
Features

Small Size
Low Cost
High Secondary Turns
Secure Locking Hinge

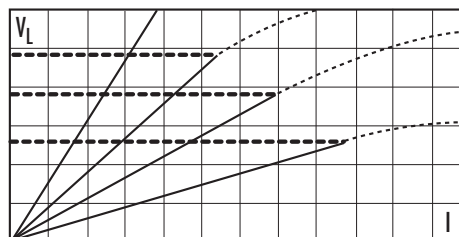
Specifications

Maximum Continuous Primary Current: 75 AAC
Secondary Turns: 3000
Wire Lead: AWG #22
DC Resistance: 460 Ohms @ 20° C
Frequency: 50/60 Hz

Regulatory Agencies



For best linearity, choose R such that $V < 0.8 V_L$



Another HUNTINGTON ELECTRIC Company

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