

CURRENT TRANSFORMERS

SPLIT CORE CURRENT TRANSFORMERS

MODEL CTY

CURRENT TRANSFORMERS

FEATURES

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- 0.5% Linearity
- Split-core
- AC Outputs 0.1A, 1.0A, 5A, 0.333V, 1V, 5V



APPLICATIONS

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- For use with watt transducers and current transducers
- Ideal for ammeters, wattmeters

INPUT AC AMPS	STANDARD OUTPUTS MODEL CTY-						SENSOR SIZE
	0-0.1Aac*	0-1Aac	0-5Aac	0-0.333Vac	0-1Vac	0-5Vac	
0-50	050A-.1	050A-1	NA	050A-.3V	050A-1V	050A-5V	A
0-100	100A-.1	100A-1	NA	100A-.3V	100A-1V	100A-5V	A
0-200	200A-.1	200A-1	NA	200A-.3V	200A-1V	200A-5V	A
0-100	100B-.1	100B-1	100B-5	100B-.3V	100B-1V	100B-5V	B
0-200	200B-.1	200B-1	200B-5	200B-.3V	200B-1V	200B-5V	B
0-300	300B-.1	300B-1	300B-5	300B-.3V	300B-1V	300B-5V	B
0-400	400B-.1	400B-1	400B-5	400B-.3V	400B-1V	400B-5V	B
0-500	500B-.1	500B-1	500B-5	500B-.3V	500B-1V	500B-5V	B
0-600	600B-.1	600B-1	600B-5	600B-.3V	600B-1V	600B-5V	B
0-800	800B-.1	800B-1	800B-5	800B-.3V	800B-1V	800B-5V	B
0-800	800C-.1	800C-1	800C-5	800C-.3V	800C-1V	800C-5V	C**
0-1000	1000C-.1	1000C-1	1000C-5	1000C-.3V	1000C-1V	1000C-5V	C**
0-1200	1200C-.1	1200C-1	1200C-5	1200C-.3V	1200C-1V	1200C-5V	C**



ORDERING

Example: 1000A Input, with a 0.333Vac Output. Sen. Size C
CTY-1000C-.3V

Optional inputs and outputs are available, consult factory.

* 0.1Aac output models have an internal voltage clamping circuit which limits the output voltage to less than 8Vac. CT secondaries may be opened safely without disconnecting the primary.

** UL Recognition is pending for C-size sensors

SPECIFICATIONS

INPUT

Current See table
 Overcurrent 5Aac models 1.3 X rating
 All other models 2 X rating
 For use over insulated conductors only

OUTPUT

Signal See table
 Burden ... 5Aac output models 100A 1VA
 200A/300A 2VA
 400A/800A 5VA
 1000A & up 10VA

Loading on output

0.1Aac <10 Ohms Max. Resistance
 All voltage models > 500k Ohms

ACCURACY

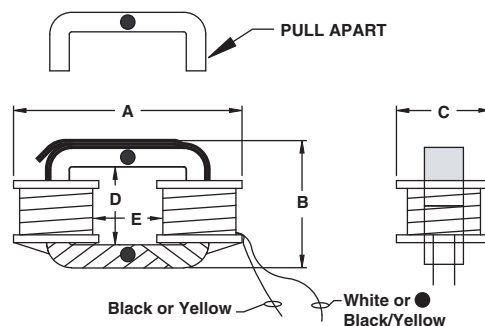
0.1Aac models 0.30% Metering Class
 1Aac and 5Aac models ±1% F.S.
 All other models ±0.5% F.S.
 Temperature Max 55°C

DIMENSIONS

SENSOR SIZE	DIMENSIONS					WT. LBS.
	A	B	C	D	E	
A	2.80	2.00	1.12	0.90	0.85	0.4
B	3.85	3.80	1.30	2.40	1.25	0.8
C	5.50	4.60	1.30	3.15	2.90	1.5

Lead Lengths

5Aac models 24", 14 gauge, White X1 & Black X2
 0.1Aac models .. 72", 16 gauge, Blk/Yel X1 & Yellow X2
 All other models 72", 16 gauge, White X1 & Black X2



All Dimensions In Inches

FLEX-CORE®

Div. Morlan & Associates, Inc.

6625 McVey Blvd. Columbus, Ohio 43235

WWW.FLEX-CORE.COM

sales@flex-core.com

PHONE (614) 889-6152

TECH. ASSISTANCE (614) 876-8308

FAX # (614) 876-8538