

CURRENT TRANSFORMER

Model CTW3-60-T10

Wound primary CT

REGULATORY AGENCY APPROVALS



Manufactured to meet the requirements of ANSI/IEEE C57.13.
Classified by UL in accordance with IEC 44-1

APPLICATION:
Metering and relaying.

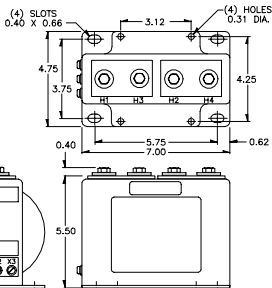
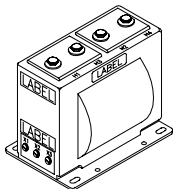
FREQUENCY:
50-400 Hz.

MAXIMUM SYSTEM VOLTAGE:
5.6kV, BIL 60kV full wave.

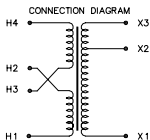
CONTINUOUS THERMAL

CURRENT RATING FACTOR:
1.33 at 30°C, amb., 1.00 at 55°C, amb.

- Primary terminals are 3/8-16 bolts with one Belleville washer.
- Secondary terminals are brass screws No. 10-32 with one flatwasher and lockwasher.
- Vacuum cast in polyurethane resin.
- The transformers are tested for partial discharge to Canadian Standards CAN3-C13-M83. This test can also be carried out to IEC requirements if requested.
- Approximate weight 16 lbs.



CAUTION: Use only the Belleville washers supplied. Tighten to between 13 to 15 foot-pounds. DO NOT OVERTIGHTEN.



CONNECTION TABLE

LINE	CONNECT PRIMARY TO	CONNECT	CONNECT SECONDARY TO
1	H1/H3 - H2/H4	H1 TO H3 AND H2 TO H4	X1 - X3
2	H1/H3 - H2/H4	H1 TO H3 AND H2 TO H4	X1 - X2
3	H1 - H4	H2 TO H3	X1 - X3
4	H1 - H4	H2 TO H3	X1 - X2

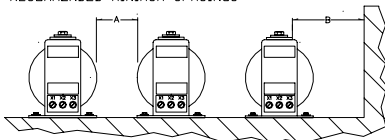
CATALOG NUMBER	CURRENT RATIO	RELAYING CLASS	ANSI METERING CLASS AT 60 HZ		THERMAL CURRENT RATING 1 SECOND RMS AMPS	CONNECTION TABLE LINE
			B0.1	B0.2		
CTW3-60-T10-500X151DR	50:5A	T10	0.6	1.2	4800	4
	75:5A	T20	0.6	0.6	4800	3
	100:5A	T10	0.6	1.2	9600	2
	150:5A	T20	0.6	0.6	9600	1
	200:5A	T20	0.3	0.3	18000	4
CTW3-60-T10-201X601DR	300:5A	T30*	0.3	0.3	18000	3
	400:5A	T20	0.3	0.3	36000	2
	600:5A	T30*	0.3	0.3	36000	1

*T30 is based on a burden of 0.3 ohms, 50% power factor.

CTW3-60-T10

RECOMMENDED MINIMUM SPACINGS

- A; Unit to Unit
= 0.25" minimum.
- B; HV to Ground in Air
= 3.00" minimum.



Recommended spacings are for guidance only. User needs to set appropriate values to assure performance for high potential test, impulse test, high humidity, partial discharge, high altitude, and other considerations like configuration.

TYPICAL OVERCURRENT RATIO CURVES

