

Model CTW3-60-T10

Wound Primary Current Transformer Medium Voltage

Application

Metering and relaying.

Frequency

50-400 Hz

Maximum System Voltage

5.6 kV, BIL 60 kV.

Continuous Thermal Rating Factor

1.33 at 30 °C., 1.00 at 55 °C.

Specifications

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 polyurethane resin.

Approximate weight 16 lbs.



REGULATORY AGENCY APPROVALS

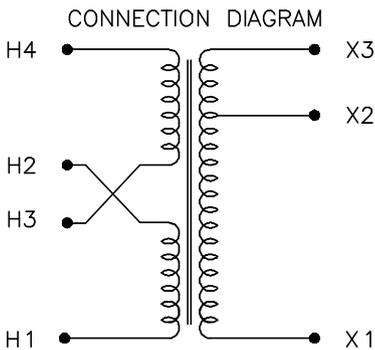


E145172



LR8940

Manufactured to meet the requirements of ANSI/IEEE C57.13.



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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

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

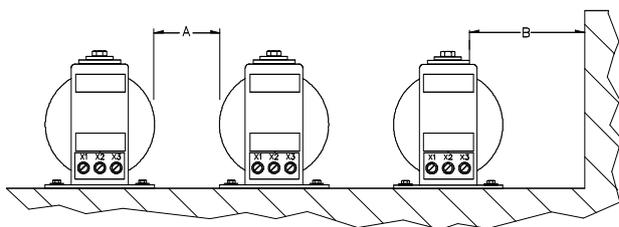
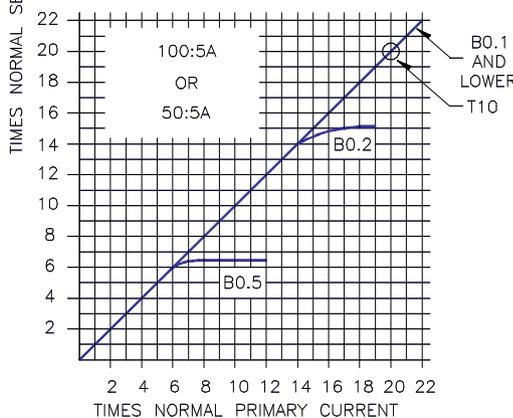
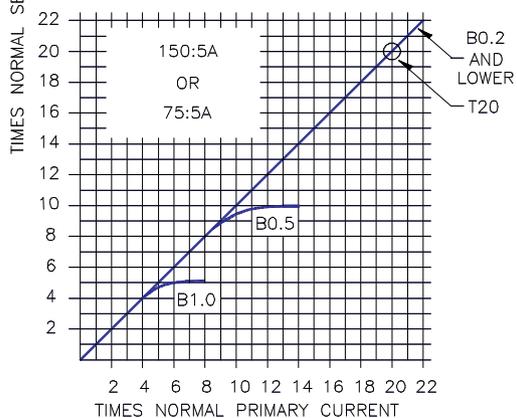
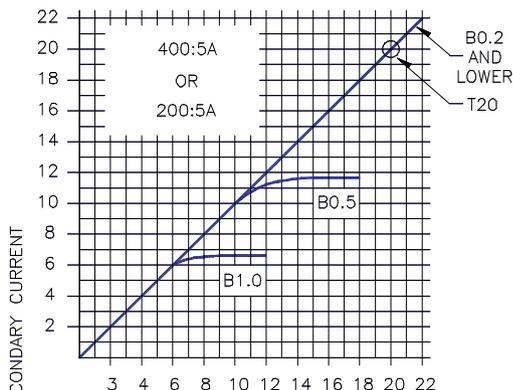
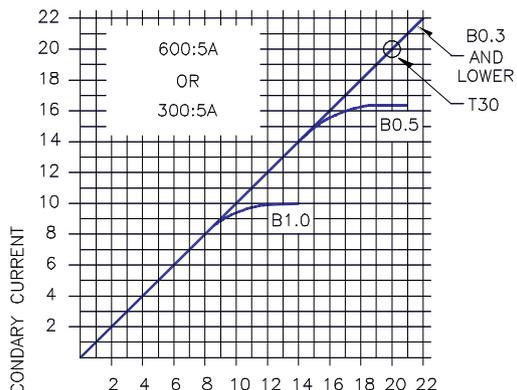
Catalog Number	Current Ratio	Relay Class	ANSI Metering Class at 60 Hz		Continuous Thermal Rating 1 Second	Connection Table Line
			B0.1	B0.2		
CTW3-60-T10-500X151DR	50:5A	T10	0.6	1.2	4,800	4
	75:5A	T20	0.6	0.6	4,800	3
	100:5A	T10	0.6	1.2	9,600	2
	150:5A	T20	0.6	0.6	9,600	1
CTW3-60-T10-201X601DR	200:5	T20	0.3	0.3	18,000	4
	300:5	T30*	0.3	0.3	18,000	3
	400:5	T20	0.3	0.3	36,000	2
	600:5	T30*	0.3	0.3	36,000	1

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



Model CTW3-60-T10 Wound Primary CT

Typical Overcurrent Ratio Curves

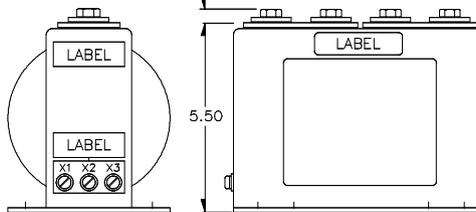
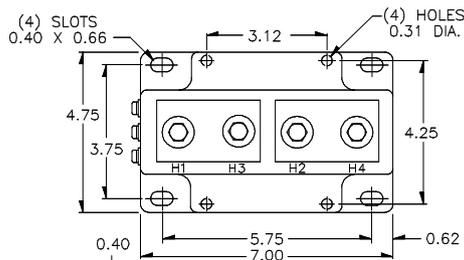


RECOMMENDED MINIMUM SPACINGS

A = Unit to Unit = 0.75 minimum.

B = HV to Ground in Air = 3.00 minimum.

Recommended spacing 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.



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