

Model CTOR

Medium Voltage Current Transformer Window Size 8.44"x 4.50"

Application

Metering and relaying.

Frequency

50-400 Hz

Maximum System Voltage

For 15 kV and below applications.

Continuous Thermal Rating Factor

Up to 800:5 ratio = 2.00 at 30 °C.,
1.50 at 55 °C.

1,200:5 to 4,000:5 ratios = 1.33 at 30 °C.
amb., 1.00 at 55 °C.

Secondary terminals are brass screws No.
10-32 with one flatwasher and lockwasher.

Vacuum cast polyurethane resin.

Approximate weight 80 lbs



Application Notes for 15 kV, 95 kV BIL, 36 V HIPOT:

Bus bars must be suitably insulated with 0.100" coverage, and no breaks or bends 6.0" on either side of CT.

The bus bars and CT have to be adequately mounted to assure the bus bars are retained in the middle of the window, and to provide 1.0" air clearance all around between the bus bars and CT window for 15 kV applications and 0.62" air clearance for 5 kV.

When mounting the CT, use non-metallic support angles, or bars and hardware.

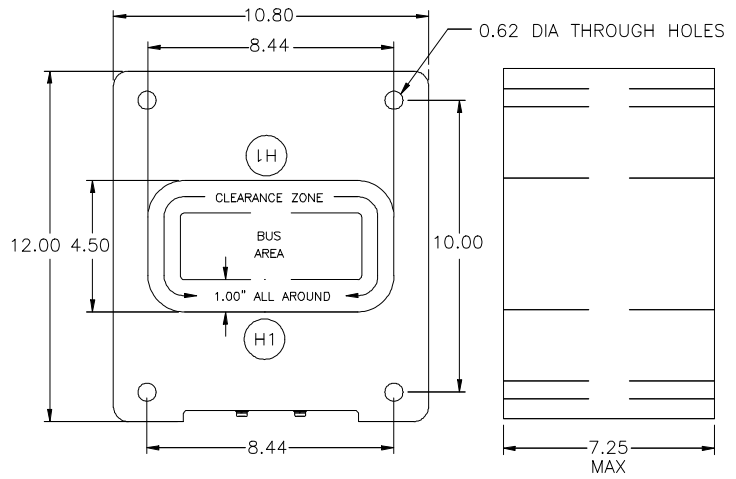
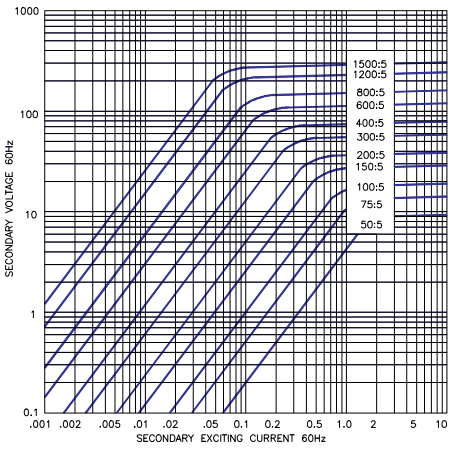
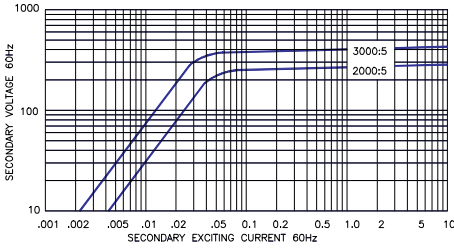
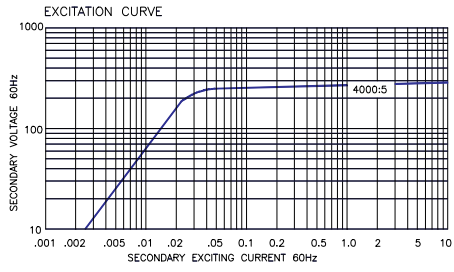
By itself the CT is rated 600 V, 10 kV BIL, 4 kV Hipot.

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Catalog Number	Current Ratio	Relay Class	Metering Class at 60 Hz							
			B0.1	B0.2	B0.5	B0.9	B1.8	B1.0	B2.0	
CTOR-500	50:5	-	-	-	-	-	-	-	-	-
CTOR-750	75:5	C10	2.4	4.8	-	-	-	-	-	-
CTOR-101	100:5	C10	1.2	2.4	-	-	-	-	-	-
CTOR-151	150:5	C20	0.6	1.2	2.4	4.8	-	4.8	-	-
CTOR-201	200:5	C20	0.6	0.6	2.4	2.4	4.8	2.4	4.8	-
CTOR-301	300:5	C20	0.3	0.3	0.6	1.2	2.4	1.2	2.4	2.4
CTOR-401	400:5	C50	0.3	0.3	0.6	0.6	1.2	0.6	1.2	1.2
CTOR-601	600:5	C100	0.3	0.3	0.6	0.6	1.2	0.6	1.2	1.2
CTOR-801	800:5	C100	0.3	0.3	0.3	0.6	1.2	0.6	1.2	1.2
CTOR-122	1,200:5	C200	0.3	0.3	0.3	0.3	0.6	0.6	0.6	0.6
CTOR-152	1,500:5	C200	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
CTOR-202	2,000:5	C200	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
CTOR-302	3,000:5	C200	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
CTOR-402	4,000:5	C200	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3



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