

MODEL 190 WOUND PRIMARY AND MODEL 190X AUXILIARY TRANSFORMER

Current Transformers



REGULATORY AGENCY APPROVALS
 E93779  LR89403
 Manufactured to meet the requirements of ANSI/IEEE C57.13.
 Classified by U.L. in accordance with IEC 44-1

Frequency

50-400 Hz.

Insulation Level

0.6 kV, BIL 10 kV full wave.

Continuous Thermal Current Rating Factor

1.33 at 30°C. amb., 1.0 at 55°C. amb.

Terminals are brass studs No. 8-32 with one flatwasher, lockwasher and regular nut, for ratios up to 25:5 and 1/4-20 studs for higher ratios.

Order mounting bracket kit No. 0221B00777

Approximate weight 4 lbs.

Model 190

CATALOG NUMBER	V.A. $\pm 1\%$ CLASS	ANSI METERING CLASS AT 60 Hz				
		B0.1	B0.2	B0.5	B0.9	B1.8
190-2-XXX	12.5	0.6	0.6	1.2	2.4	-
190-4-XXX	30.0	0.3	0.3	0.3	0.6	1.2

Ratio	1:5	2.5:5	5:5	7.5:5	10:5	15:5	20:5	25:5	30:5	40:5	50:5	
Suffix	001	0025	005	0075	010	015	020	025	030*	040*	050*	* 1/4-20 stud terminals

The Model 190 is a low ratio primary current transformer, suitable for primary currents up to 50 amperes. The table below lists the most common current ratings.



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Model 190 Wound Primary & 190X Auxiliary Transformer

ANSI Metering Class: 0.3 B0.5

The Model 190X is an auxiliary transformer for use in the secondary of main current transformers to change the ratio for metering applications. Since the Model 190X is used in the secondary of another current transformer it has no voltage rating. It is given a 2,500 volt 60 Hz high potential test. It is designed to be used on circuits not to exceed 600 volts to ground or between windings.

Data Table

CATALOG NUMBER	CURRENT RATIO
190X0100	5:0.1
190X0200	5:0.2
190X0250	5:0.25
190X0500	5:0.5
190X0625	5:0.625
190X1000	5:1
190X1250	5:1.25
190X1667	5:1.667
190X2000	5:2
190X2395	5:2.395
190X2500	5:2.5
190X2890	5:2.89
190X3000	5:3
190X3330	5:3.33
190X3750	5:3.75
190X4000	5:4
190X5000	5:5
190X5330	5:5.33

CATALOG NUMBER	CURRENT RATIO
190X6250	5:6.25
190X7500	5:7.5
190X8000	5:8
190X10000	5:10
190X12500	5:12.5
190X15000	5:15
190X1500-5	1.5:5
190X1667-5	1.667:5
190X2500-5	2.5:5
190X2875-5	2.875:5
190X7500-5	7.5:5
190X10000-5	10:5
190X0500-1	0.5:1
190X0923-1	0.923:1
190X0400-10	0.4:10
190XSUM-2**	5+5:5
190XSUM-4**	5+5+5+5:5
190XSUM-5**	5+5+5+5+5:5

** The circuits of up to five secondaries may be totaled. Equal or unequal line current transformers can be summed with this transformer. Advise the ratios of the line current transformers to be totaled for unequal ratios. Output terminals are X1-X2.

