

CURRENT TRANSFORMERS

Model 190

Wound Primary

Model 190X

Auxiliary Transformer

FREQUENCY:
50–400Hz

CONTINUOUS THERMAL CURRENT RATING FACTOR:

1.33 at 30°C. amb,
1.0 at 55°C. amb.

INSULATION LEVEL MODEL 190 WOUND PRIMARY:

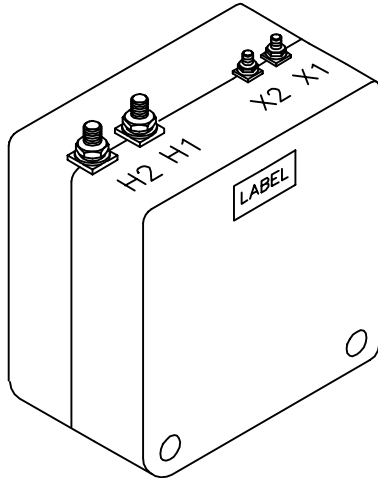
0.6 kV, BIL 10kV full wave.

- 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.

REGULATORY AGENCY APPROVALS



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



MODEL 190

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

CATALOG NUMBER	VA FOR 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.

MODEL 190X

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 2500 volt 60 Hz high potential test. It is designed to be used on circuits not to exceed 600 volts to ground or between windings.

CATALOG NUMBER	CURRENT RATIO
190x0100	5:0.100
190X0200	5:0.200
190X0250	5:0.250
190X0500	5:0.500
190X0625	5:0.625
190X1000	5:1.000
190X1250	5:1.250
190X1667	5:1.667
190X2000	5:2.000
190X2395	5:2.395
190X2500	5:2.500
190X2890	5:2.890
190X3000	5:3.000
190X3330	5:3.330
190X3750	5:3.750
190X4000	5:4.000
190X5000	5:5.000
190X5330	5:5.330

CATALOG NUMBER	CURRENT RATIO
190X6250	5:6.250
190X7500	5:7.500
190X8000	5:8.000
190X10000	5:10.000
190X12500	5:12.500
190X15000	5:15.000
190X1500–5	1.500:5
190X1667–5	1.667:5
190X2500–5	2.500:5
190X2875–5	2.875:5
190X7500–5	7.500:5
190X10500–5	10.500:5
190X0500–1	0.500:1
190X0923–1	0.923:1
190X0400–10	0.400:10
190XSUM–2 **	5+5:5
190XSUM–3 **	5+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. Output terminals are X1–X2.

