

CURRENT TRANSFORMERS

Model 20

Wound Primary

Model 20X

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 20 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. 0221B00541
- Approximate weight 8 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 20

The Model 20 is a low ratio wound primary current transformer, suitable for primary currents up to 50 amperes. It is rated for metering and relaying applications. The table below lists the most common current ratings. Other ratios are available.

CATALOG NUMBER	VA FOR 1% CLASS	RELAY CLASS	ANSI METERING CLASS AT 60 Hz				
			B0.1	B0.2	B0.5	B0.9	B1.8
20-2-XXX	25.0	T10	0.3	0.3	0.6	1.2	2.4
20-4-XXX	125	T20	0.3	0.3	0.3	0.3	0.3

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 20X

ANSI Metering Class: 0.3 B1.8

The Model 20X is an auxiliary transformer for use in the secondary of main current transformers to change the ratio for metering applications.

Since the Model 20X 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	CATALOG NUMBER	CURRENT RATIO
20X0100	5:0.100	20X6250	5:6.250
20X0200	5:0.200	20X7500	5:7.500
20X0250	5:0.250	20X8000	5:8.000
20X0500	5:0.500	20X10000	5:10.000
20X0625	5:0.625	20X12500	5:12.500
20X1000	5:1.000	20X15000	5:15.000
20X1250	5:1.250	20X1500-5	1.500:5
20X1667	5:1.667	20X1667-5	1.667:5
20X2000	5:2.000	20X2500-5	2.500:5
20X2395	5:2.395	20X2875-5	2.875:5
20X2500	5:2.500	20X7500-5	7.500:5
20X2890	5:2.890	20X10500-5	10.500:5
20X3000	5:3.000	20X0500-1	0.500:1
20X3330	5:3.330	20X0923-1	0.923:1
20X3750	5:3.750	20X0400-10	0.400:10
20X4000	5:4.000	20XSUM-2 **	5+5:5
20X5000	5:5.000	20XSUM-3 **	5+5+5:5
20X5330	5:5.330	20XSUM-4 **	5+5+5+5:5
		20XSUM-5 **	5+5+5+5+5:5

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

