

Current Transformer Model 188

Auxiliary Transformer

REGULATORY AGENCY APPROVALS



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



APPLICATION:

For use in the secondary of current transformers to change ratio for metering applications.

FREQUENCY:

50-400 Hz.

INSULATION LEVEL:

0.6 kV, BIL 10 kV full wave.

**CONTINUOUS THERMAL
CURRENT RATING FACTOR:**

1.5 at 30°C. amb., 1.0 at 55°C. amb.

Terminals are No. 10-32 brass binding head screws.

Approximate weight 10 lbs.

CATALOG NUMBER	CURRENT RATIO
188X0100 *	5:0.1
188X0200 *	5:0.2
188X0250 *	5:0.25
188X0500	5:0.5
188X0625	5:0.625
188X1000	5:1
188X1250	5:1.25
188X1667	5:1.667
188X2000	5:2
188X2395	5:2.395
188X2500	5:2.5
188X2890	5:2.89
188X3000	5:3
188X3330	5:3.33
188X3750	5:3.75
188X4000	5:4
188X5000	5:5
188X5330	5:5.33

CATALOG NUMBER	CURRENT RATIO
188X6250	5:6.25
188X7500	5:7.5
188X8000	5:8
188X10000	5:10
188X12500	5:12.5
188X15000 *	5:15
188X1500-5	1.5:5
188X1667-5	1.667:5
188X2500-5	2.5:5
188X2875-5	2.875:5
188X7500-5	7.5:5
188X10000-5	10:5
188X0500-1	0.5:1
188X0923-1	0.923:1
188X0400-10	0.4:10
188XSUM-2 **	5+5:5
188XSUM-4 **	5+5+5:5
188XSUM-5 **	5+5+5+5:5

** The circuits of up to six 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 for unequal ratios. Output terminals are X1-X2.

Model 188 Auxiliary Transformer

ANSI Metering Class: 0.3 B0.2

* Exception: These ratios have no accuracy ratings.

The **Model 188** is a low ratio auxiliary current transformer, suitable for primary currents up to 15 amperes. The table on the previous page lists the most common current ratings. The transformer core and coil are encapsulated in a polyurethane resin, which also secures the steel mounting base.

Since the **Model 188** is used in the secondary of another 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.

