Current Transformer

Model 190 and 190X
Rev 12162025



FREQUENCY:
50-400 Hz.
INSULATION LEVEL:
0.6 kV, BIL 10 kV full wave
APPROXIMATE WEIGHT:
4 lbs.
CONNECTIONS:
-Terminals are brass studs No. 8-32 with one flatwasher, lockwasher and regular nut, for ratios up to 25:5 and ¼-20 studs for higher ratios.
-Optional mounting kit: 180SHT-KIT

CERTIFICATIONS:

E228202

223647

ISO 9001
QUALITY MANAGEMENT

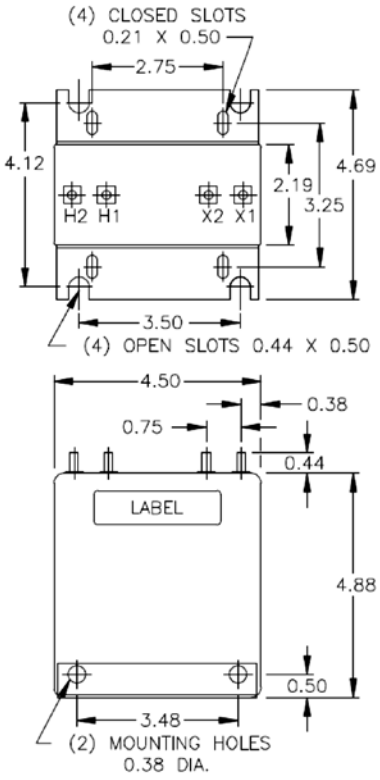
Catalog Number	V.A. ± 1% Class	ANSI Metering Class at 60 Hz				
		B0.1	B0.2	B0.5	B0.9	B1.8
190-2-XXX	**12.5**	**0.6**	**0.6**	**1.2**	**2.4**	**-**
190-4-XXX	**30.0**	**0.3**	**0.3**	**0.3**	**0.3**	**1.2**

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.

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 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	5:0.1
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 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.*

Products are manufactured in a plant whose quality management system has been certified to be in compliance with ISO 9001:2015 by NQA

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