

Model JAR-0C

Indoor Current Transformer 600 V Auxiliary Current Transformer

Application

Designed for indoor service; for connection in the secondary circuit of a main current transformer to change the effective ratio seen by meters and relays. It's accuracy is suitable for use with totalizing meters and relays. It is designed for use on circuits not exceeding 600 V to ground.

Regulatory Agency Approvals

UL Recognized File E93779

Weight

Transformer (approximate) 10 lbs

Reference Drawings

Outline 0121C33696

Insulation Level

Because it is used in the secondary circuit of another transformer, it has no voltage rating. These transformers receive a 60 Hz, 2.5 kV high potential factory test between each winding and between the windings and ground.



Frequency

50-60 Hz

JAR-0C Product Data

Continuous Thermal Current Rating Factor 1.5 @ 30 °C Ambient, 1.1 @ 55 °C Ambient

ANSI Meter Accuracy Classification, 60 Hz All Models 0.3 at B0.1 and B0.2

Current Ratio (in Amps) Pri:Sec Φ	Internal Burden (Short- Circuit Impedance) VA at Rated Current	Catalog Number	Current Ratio (in Amps) Pri:Sec Φ	Internal Burden (Short- Circuit Impedance) VA at Rated Current	Catalog Number
5:0.100**	6.0	750X101126	5:6.250	ψ	750X101369
5:0.200**	5.7	750X101120	5:7.500	7.3	750X101010
5:0.250**	6.8	750X101118	5:8.000	7.7	750X101009
5:0.500	7.0	750X101106	5:10.000	8.5	750X101003
5:0.625	7.2	750X101101	5:12.500	8.9	750X101002
5:1.000	7.8	750X101088	5:15.000 **	10.7	750X101001
5:1.250	7.8	750X101082	1.000:5	6.8	750X101029
5:1.667	7.8	750X101067	1.667:5	9.0	750X101026
5:2.000	7.8	750X101060	2.500:5	8.2	750X101024
5:2.395	7.8	750X101056	2.875:5	7.0	750X101330
5:2.500	7.3	750X101054	7.500:5	9.1	750X101019
5:2.890	7.1	750X101051	10.000:5	8.5	750X101015
5:3.000	7.8	750X101049	0.500:1	ψ	750X101308
5:3.330	7.5	750X101042	0.923:1	ψ	750X101335
5:3.750	8.0	750X101038	4.000:10	8.3	750X101004
5:4.000	8.5	750X101036	5&5:5 *	8.2	750X101133
5:5.000	8.5	750X101020	5&5&5&5:5 *	8.2	750X101131
5:5.330	8.5	750X101309	5&5&5&5&5:5 *	8.2	750X101129

ψ Refer to factory

φ Common ratios are listed in the data table; other ratios are available, consult factory.

* Up to six secondary currents can be totalized. Equal or unequal line current transformers can be summed with these transformers. Consult factory with the ratios of the line current transformers to be totalized.

** Exception: These Ratio Numbers have no accuracy ratings



