

## 600 Volt Current Transformer

### Model CTM-0C SINGLE BAR



**APPLICATION**  
Designed for indoor service. Suitable for operating meters, relays and control devices.

**WEIGHT**  
(approximate) .....7 lbs

**DIMENSIONS**  
Height .....4.78"  
Width .....9.38"  
Depth .....3.75"

**REFERENCE DRAWINGS (Outlines)**  
50-400A .....0121C42881  
500-1200A .....0121C42882

**INSULATION LEVEL**  
0.6kV, BIL 10kV full wave

**FREQUENCY**  
60 Hz

### CTM-0C SINGLE BAR DATA TABLE

Current Ratio (Amps) Pri : Sec	IEEE Accuracy Class 60 Hz Burden	Continuous Thermal Current Rating Factor	Approval Number from CCAC	Catalog Number
	B0.1 to B0.9	@ 30°C Amb.		
5:5*	0.3	1.5	-	430-001
10:5*	0.3	1.5	-	430-002
15:5*	0.3	1.5	-	430-003
20:5*	0.3	1.5	-	430-004
25:5*	0.3	1.5	-	430-005
30:5*	0.3	1.5	-	430-006
40:5*	0.3	1.5	-	430-007
50:5	0.3	1.5	T172-1	430-008
60:5	0.3	1.5	T172-1	430-009
75:5	0.3	1.5	T172-1	430-010
100:5	0.3	1.5	T172-1	430-011
150:5	0.3	1.5	T172-1	430-012
200:5	0.3	1.5	T172-1	430-013
250:5	0.3	1.5	T172-1	430-014
300:5	0.3	1.5	T172-1	430-015
400:5	0.3	1.5	T172	430-016
500:5*	0.3	1.5	-	430-017
600:5*	0.3	1.5	-	430-018
800:5*	0.3	1.5	-	430-019
1000:5*	0.3	1.2	-	430-020
1200:5*	0.3	1.0	-	430-021

\* For these models please contact factory for availability and approval number from CCAC for revenue metering application.

### Model CTM-0C DOUBLE BAR



3 Wire Double Bar

**APPLICATION**  
Designed for indoor service. Suitable for operating meters, relays and control devices.

**WEIGHT**  
(approximate) .....9 lbs

**DIMENSIONS**  
Height .....4.56"  
Width .....9.37"  
Depth .....4.62"

**REFERENCE DRAWINGS (Outlines)**  
50-400A .....0121C42883  
500-1200A .....0121C42884

**INSULATION LEVEL**  
0.6kV, BIL 10kV full wave

**FREQUENCY**  
60 Hz

### CTM-0C DOUBLE BAR DATA TABLE

Current Ratio (Amps) Pri : Sec	IEEE Accuracy Class 60 Hz Burden	Continuous Thermal Current Rating Factor	Approval Number from CCAC	Catalog Number
	B0.1 to B0.2	@ 30°C Amb.		
50/50:5	0.3	1.5	T-156	440-001
100/100:5	0.3	1.5	T-156	440-002
150/150:5	0.3	1.5	T-156	440-003
200/200:5	0.3	1.5	T-156	440-004
300/300:5	0.3	1.5	T-156	440-005
400/400:5	0.3	1.5	T-156	440-006
500/500:5	0.3	1.5	T-286	440-007
600/600:5	0.3	1.5	T-286	440-008
800/800:5	0.3	1.5	T-286	440-009
1000/1000:5*	0.3	1.2	-	440-010
1200/1200:5*	0.3	1.0	-	440-011

\* For these models please contact factory for availability and approval number from CCAC for revenue metering application.

### Model JAR-0C Auxiliary CT



**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 600V to ground.

**REGULATORY AGENCY APPROVALS**  
UL Recognized .....File E93779

**WEIGHT** (approximate)  
Transformer .....10 lbs

**DIMENSIONS**  
Height .....5.44"  
Width .....5.29"  
Depth .....5.29"

**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 60Hz, 2.5 kV high potential factory test between each winding and between the windings and ground.

**FREQUENCY**  
50-60 Hz

### JAR-0C DATA TABLE

Continuous Thermal Current Rating Factor 1.5 @ 30°C Ambient, 1.1 @ 55°C Ambient					
IEEE Meter Accuracy Classification, 60 Hz All Models 0.3 at B0.1 and B0.2					
Current Ratio (in Amps) Pri:Sec ⚡	Internal Burden (Short-Circuit Impedance) VA at Rated Current	Catalog Number	Current Ratio (in Amps) Pri:Sec ⚡	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	5:000:1	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	5:65:5 *	8.2	750X101133
5:5.000	8.5	750X101020	5:65:6:5:5 *	8.2	750X101131
5:5.330	8.5	750X101309	5:65:6:5:6:5 *	8.2	750X101129

ψ Refer to factory

⚡ 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.