

# 600 Volt Current Transformer

## Model JAK-0W (Encompass)

Window: 3.06"



Brochure Available at  
www.GEIT.com

**APPLICATION**  
Designed for both indoor and outdoor service. Suitable for operating meters and instruments, on both single-phase two-wire circuits and polyphase circuits. The window type transformer can also be used on three-wire single-phase circuits. For use on higher voltage circuits with an insulated primary conductor.

**IEEE METER ACCURACY CLASS, 60Hz**  
B0.1 through B0.5 .....0.3, All Models

**WEIGHT (approximate)**  
Window Type Transformer .....12 lbs  
Primary Bar, add .....3.0 lbs  
Low Base, add .....0.7 lbs  
High Base, add .....1.0 lbs  
Height .....7.185" w/base  
Width .....5.125" w/base 5.63"  
Depth .....2.625"

**REFERENCE DRAWINGS**  
Outline .....0121C36118

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

**FREQUENCY**  
50-60 Hz

Current Ratio (Amps) Pri : Sec	IEEE Accuracy Class 60 Hz Burden 0.3 B0.5	Continuous Thermal Current Rating Factor**		Primary Bar	Catalog Number		
		@ 30° C Amb.	@ 55° C Amb.		Low Base	Wide Base	High Base
500:5	200:2 to 2000:20	4.0	3.0	No	750X133629	750X133631	750X133633
500:5	200:2 to 2000:20	4.0	3.0	Yes	750X133630	750X133632	750X133634

\*\* Transformer rated meters must be investigated for use at the lower current range extension.

## Model JAH-0C

Window: 4.00" / 5.75"



**APPLICATION**  
Designed for indoor service. Suitable for operating meters, relays and control devices, on circuits not exceeding 600V line-to-line. It may be used on higher voltage circuits with an insulated conductor.

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

**WEIGHT (approximate)**  
Transformers with 4.00" window.....11 lbs  
Transformers with 5.75" window.....9.5 lbs

**DIMENSIONS**  
Height .....8.93"  
Width .....8.50"  
Depth .....2.17"

**REFERENCE DRAWINGS**  
Outline .....0121C33700  
Base Assembly .....0221B00185

**INSULATION LEVEL**  
0.6kV; BIL 10kV full wave.

**FREQUENCY**  
50-60 Hz

Current Ratio (Amps) Pri : Sec	IEEE Accuracy Class 60 Hz Burden		Continuous Thermal-Current Rating Factor		Window Diameter (inches)	Catalog Number
	Meter Class	Relay Class	30° C Ambient	55° C Ambient		
200:5	1.2 thru B0.2	C 10	2.0	2.0	4.00	750X114012
250:5	0.6 thru B0.2	C 10	2.0	2.0	4.00	750X114017
300:5	0.3 thru B0.2	C 10	2.0	2.0	4.00	750X114013
400:5	0.3 thru B0.2	C 20	2.0	2.0	4.00	750X114001
500:5	0.3 thru B0.5	C 20	2.0	1.5	4.00	750X114002
600:5	0.3 thru B0.5	C 20	2.0	1.5	4.00	750X114003
800:5	0.3 thru B1.8	C 20	1.5	1.33	4.00	750X114004
1000:5	0.3 thru B1.8	C 20	1.5	1.5	5.75	750X114005
1200:5	0.3 thru B1.8	C 20	1.5	1.33	5.75	750X114006
1500:5	0.3 thru B1.8	C 50	1.5	1.0	5.75	750X114007
2000:5	0.3 thru B1.8	C 50	1.33	1.0	5.75	750X114008
2500:5	0.3 thru B1.8	C 50	1.0	0.8	5.75	750X114009
3000:5	0.3 thru B1.8	C 50	1.0	0.8	5.75	750X114010
4000:5	0.3 thru B1.8	C 50	1.0	0.8	5.75	750X114011

## Model JAS-0C

Window: 4.00"



**APPLICATION**  
Designed for indoor service. Suitable for operating meters, relays and control devices, on circuits not exceeding 600V line-to-line. It is intended for use in switchboards and in switchgear equipment. It may be used on higher voltage circuits with an insulated conductor.

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

**CONTINUOUS THERMAL CURRENT RATING FACTOR**  
30° C Ambient .....1.33  
55° C Ambient .....1.00

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

**DIMENSIONS**  
Height .....5.89"  
Width .....6.23"  
Depth .....3.28"

**REFERENCE DRAWINGS**  
Outline .....0121C33703

**INSULATION LEVEL**  
0.6kV; BIL 10kV full wave.

**FREQUENCY**  
50-60 Hz

Current Ratio (Amps) Pri : Sec	IEEE Accuracy Class 60 Hz Burden		Secondary Winding Resistance (Ohms @ 75° C)	Catalog Number
	Meter Class	Relay Class		
150:5	1.2 thru B0.2	C 10	0.085	750X114107
200:5	0.6 thru B0.2	C 15	0.113	750X114108
300:5	0.3 thru B0.2	C 25	0.170	750X114109
400:5	0.3 thru B0.5	C 35	0.227	750X114110
500:5	0.3 thru B0.5	C 45	0.283	750X114111
600:5	0.3 thru B1.8	C 50	0.340	750X114101
800:5	0.3 thru B1.8	C 70	0.360	750X114102
1000:5	0.3 thru B1.8	C 80	0.450	750X114103
1200:5	0.3 thru B1.8	C 50	0.680	750X114104
1500:5	0.3 thru B1.8	C 20	0.487	750X114105
1600:5	0.3 thru B1.8	C 20	0.519	750X114112
2000:5	0.3 thru B1.8	C 20	0.649	750X114106