

600 Volt Current Transformer

Model JAB-0CV (High Temp) Window: 4.50" x 3.50"



For High Ambient Temperature Applications

APPLICATION
Designed for indoor service. This special version of the JAB-0CV current transformer is designed for use on heavily loaded pad mount transformers operating in high temperature environments up to 85° C. For mounting and application information, including use at higher voltages, and matching the current rating to the pad transformer thermal capability.

IEEE METER ACCURACY CLASS, 60 Hz
0.3% class from B0.1 to the burdens shown in the table.

WEIGHT & Dimensions
(approximate)
Weight: 8.25 lbs
Height: 8.75"
Width: 6.00"
Depth: 2.30"

REFERENCE DRAWINGS
Outline0121C33851

INSULATION LEVEL
0.6kV; BIL 10kV full wave

FREQUENCY
50-60 Hz

JAB-0CV DATA TABLE

Current Ratio (Amps) Pri : Sec	Burden	Continuous Thermal Current Rating Factor		Catalog Number (With Secondary Hardware and Cover)
		@ 85° C Amb.		
200:5	B0.1	4.0		750X236202
300:5	B0.2	4.0		750X236203
400:5	B0.2	4.0		750X236204
500:5	B0.5	3.0		750X236205
600:5	B0.5	3.0		750X236206
800:5	B0.5	3.0		750X236208
1000:5	B0.5	2.0		750X236210
1200:5	B0.5	2.0		750X236212
1500:5	B0.9	2.0		750X236215
2000:5	B1.8	1.5		750X236220
3000:5	B1.8	1.33		750X236230

Notes: Consult factory for base plate provisions.

Model JAB-AC (High Accuracy) Window: 4.50" x 3.50"



APPLICATION
Designed for indoor service; especially designed for installation over the secondary bushings of pad mounted transformers from 75 kVA TO 3000 kVA. For mounting and application information, including use at higher voltages, and matching the current rating to the pad transformer thermal capability.

WEIGHT & Dimensions
(approximate)
Weight: 8.25 lbs
Height: 8.75"
Width: 6.00"
Depth: 2.30"

REFERENCE DRAWINGS
Outline0121C33851

INSULATION LEVEL
0.6kV; BIL 10kV full wave

FREQUENCY
50-60 Hz

JAB-AC DATA TABLE

Current Ratio (Amps) Pri : Sec	IEEE Accuracy Class 60 Hz Burden			Electronic Burdens		Continuous Thermal Current Rating Factor ψ		Catalog Number (With Secondary Hardware and Cover)
	B0.1	B0.2	B0.5	E0.04	E0.2	@ 30° C Amb.	@ 55° C Amb.	
800:5	0.15	0.15	0.3	--	--	3.0	2.2	750X136412
1000:5	0.15	0.15	0.3	0.15	--	2.0	1.5	750X136413
1200:5	0.15	0.15	0.3	0.15	--	1.5	1.1	750X136414
1500:5	0.15	0.15	0.3	0.15	0.15	2.0	1.5	750X136415
2000:5	0.15	0.15	0.15	0.15	0.15	1.0	0.7	750X136416
3000:5	0.15	0.15	0.15	0.15	0.15	1.0	0.7	750X136417

Notes:

ψ A high temperature version is available for use in locations with unusually high ambient temperatures. Consult factory for base plate provisions.

Model JAB-0W (Encompass) Window: 4.50" x 3.50"



APPLICATION
Designed for indoor service; especially designed for installation over the secondary bushings of pad-mounted transformers from 75 kVA TO 3000 kVA. For mounting and application information, including use at higher voltages, and matching the current rating to the transformer thermal capability.

WEIGHT (approximate)
Weight 4.0 lbs

REFERENCE DRAWINGS
Outline0121C33851
Outline (cast resin)0121C40890

INSULATION LEVEL
0.6kV; BIL 10kV full wave

FREQUENCY
50-60 Hz

JAB-0W DATA TABLE

Current Ratio (Amps) Pri : Sec	IEEE Accuracy Class Burden 0.3 B0.5	Continuous Thermal Current Rating Factor		Dimensions in inches			Catalog Number
		@ 30° C Amb.	@ 55° C Amb.	Height	Width	Depth	
500:5	200:2 to 2000:20	4.0	3.0	8.75	6.00	2.30	750X136651
1500:5	600:2 to 3000:10	2.0	1.5	8.75	6.00	2.30	750X136652

JAB-0W HIGH TEMP DATA TABLE

Current Ratio (Amps) Pri : Sec	IEEE Accuracy Class Burden 0.3 B0.5	Continuous Thermal Current Rating Factor @ 85° C Amb.	Dimensions in inches			Catalog Number
			Height	Width	Depth	
500:5	200:2 to 2000:20	4.0	9.37	6.38	2.50	750X136464
1500:5	600:2 to 3000:10	2.0	8.75	6.00	2.30	750X136463

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

Brochure Available at
www.GEITL.com