



Indoor Current Transformer
Model JAB-0C 600V, 10kV BIL, 3000A Multi-Tap
 Window Size 4.50" X 3.50"



APPLICATION
 Designed for indoor service; especially designed for installation over the secondary bushings of pad mounted transformers. For mounting and application information, including use at higher voltages, and matching the current rating to the pad transformer thermal capability, please refer to the Applications Information section of catalog GEP-9186.

WEIGHT
 Approximately10.00 lbs

REFERENCE DRAWINGS
 Outline0121C39871

INSULATION LEVEL
 0.6kV; BIL 10kV full wave

FREQUENCY
 50-60 Hz

MULTI-TAP JAB-0C DATA TABLE									
Current Ratio (Amps) Pri : Sec	ANSI Accuracy Class, 60 Hz Burden Per ANSI					Continuous Thermal Current Rating Factor ψ		Connection	Catalog Number
	B0.1	B0.2	B0.5	B0.9	B1.8	@ 30 °C Amb.	@ 55 °C Amb.		
400:5	0.3	0.3	--	--	--	1.5	1.1	X1-X2	750X136449
800:5	0.3	0.3	0.3	--	--	1.5	1.1	X1-X3	
1500:5	0.3	0.3	0.3	0.3	--	1.5	1.1	X1-X4	
3000:5	0.3	0.3	0.3	0.3	0.3	1.0	0.7	X1-X5	

No shorting device available.

Construction and Insulation

The core and coil assembly is encapsulated and cast in polyurethane resin. The material has excellent electrical and mechanical properties over a wide temperature range, and is UV resistant. The intended application for this CT is in a secure location where terminal covers and sealing provisions are not required, preferably the locked secondary compartment of a pad-mount transformer.

Core and Coils

The core is made from high quality grain oriented silicon steel, annealed under rigidly controlled factory conditions. The secondary winding is made of heavy enameled copper wire. The secondary windings are evenly distributed around the core for maximum accuracy and resistance to stray fields from adjacent conductors.

Terminals

Secondary terminals are tin plated brass, compression type with a 0.275" diameter cross-hole for wiring and a 1/4-28 clamp screw.

Polarity

H1 and X1 are identified by white dots. Secondary terminals are labeled X5, X4, X3, X2, X1.

Primary Conductor

These transformers are primarily intended for installation over the bushing and terminal blade of pad mount transformers, which then forms the primary conductor.

Nameplates

The nameplate is laser engraved aluminum. It is attached to the side of the unit and has provision for attaching the user's identifying tag. The nominal current rating is on both faces of the unit in large numerals.

Mounting

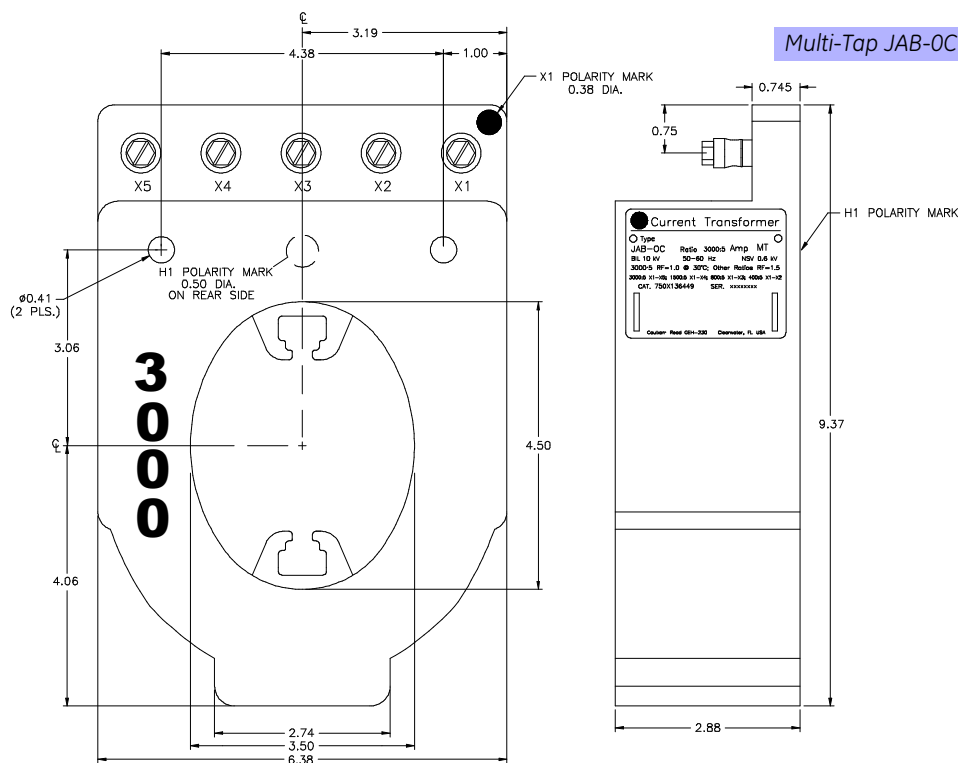
The transformer can be mounted in any position but is usually installed on the pad mount transformer terminal blade using the "grabbers". The transformer also has two mounting holes allowing it to be attached to a mounting bracket.

Maintenance

These transformers require no maintenance, other than occasional cleaning, if installed where air contamination is severe.

Data subject to change without notice

To purchase or obtain more information about GE Instrument Transformer products, please call GE Multilin at 1-800-547-8629. Product information is also available on our web site at <http://www.GEMultilin.com>. Click on the Product Index button (right column), select Transformers and follow the menus to **Product Information** or a **Solutions Advisor**.



USA, Canada, Asia, Latin America

Tel: +1-800-547-8629

Fax: +1-905-201-2455

e-mail: sales.multilin@ge.com

Europe, Middle East, Africa

Tel: +34-94-485-88-00

Fax: +34-94-485-88-45

e-mail: gmultilin.euro@ge.com