

CURRENT TRANSFORMERS

METERING CLASS CURRENT TRANSFORMER MODEL JAB-0C

FEATURES

- Revenue Metering Applications
- Indoor Rated
- Window I.D. - 4.50" x 3.50"
- Shorting Link Provided
- Designed for installation over the secondary bushings of pad mounted transformers.
- An 85°C version is available. Contact Flex-Core for catalog numbers.

600V CLASS

MADE
IN U.S.A.



SPECIFICATIONS

Frequency 50-60Hz
Insulation class.....0.6kV, 10kV BIL Full Wave
Terminals Tin plated brass, compression type with
0.275" diameter crosshole for 1/4-28 clamp screw.
Weight Approximately 8.25 Lbs.

Manufactured to meet the requirements of ANSI/IEEE C57.13

APPLICATION AND ORDERING DATA								
CATALOG NUMBER	CURRENT RATIO	ANSI METERING CLASS AT 60 Hz					CONTINUOUS THERMAL RATING FACTOR	
		B0.1	B0.2	B0.5	B0.9	B1.8	@30°C	@55°C
750X136202	200:5	0.3	-	-	-	-	4.0	2.9
**750X136668	200:5	0.3	0.3	-	-	-	4.0	4.0
**750X136660	300:5	0.3	0.3	0.3	-	-	3.0	2.2
750X136203	300:5	0.3	0.3	-	-	-	4.0	2.9
750X136204	400:5	0.3	0.3	-	-	-	4.0	2.9
**750X136667	400:5	0.3	0.3	0.3	-	-	4.0	2.9
750X136205	500:5	0.3	0.3	0.3	-	-	3.0	2.2
750X136206	600:5	0.3	0.3	0.3	-	-	3.0	2.2
750X136208	800:5	0.3	0.3	0.3	-	-	3.0	2.2
750X136210	1000:5	0.3	0.3	0.3	-	-	2.0	1.5
750X136212	1200:5	0.3	0.3	0.3	-	-	2.0	1.5
750X136215	1500:5	0.3	0.3	0.3	0.3	-	2.0	1.5
**750X136465	1500:5	0.3	0.3	0.3	0.3	-	3.0	2.4
750X136220	2000:5	0.3	0.3	0.3	0.3	0.3	1.5	1.1
750X136230	3000:5	0.3	0.3	0.3	0.3	0.3	1.33	1.0
750X136655	4000:5	0.3	0.3	0.3	0.3	0.3	1.0	0.7

** Cast Resin
Height - 2.5"
Weight - 11.7Lbs.

FLEX-CORE®
Div. Morlan & Associates, Inc.
4970 Scioto Darby Rd. Hilliard, Ohio 43026

WWW.FLEX-CORE.COM
sales@flex-core.com

PHONE (614) 889-6152
TECH. ASSISTANCE (614) 876-8308
FAX # (614) 876-8538

CURRENT TRANSFORMERS

METERING CLASS CURRENT TRANSFORMER *MODEL JAB-0C*

Construction and Insulation

The core and coil assembly is encapsulated in resin within a molded case. The case is molded with GE Valox thermoplastic polyester resin. This tough material has excellent electrical and mechanical properties over a wide temperature range, has low water absorption and is resistant to oil and a variety of chemicals. The polyurethane resin filling completely encapsulates the winding, leads and terminals to form a waterproof unit. Cast units are molded in polyurethane resin and have slightly larger dimensions.

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. A shorting device is provided and interlocked to the terminal cover. The terminal cover is made of a clear plastic. Provision is made for sealing the cover.

Polarity

Primary and secondary marks H1, H2 and X1, X2 are molded into the case. In addition, H1 and X1 are identified by white dots. Cast units designate H1 with a white polarity mark only.

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 top of the unit. The nominal current rating is on both faces of the unit in large numerals.

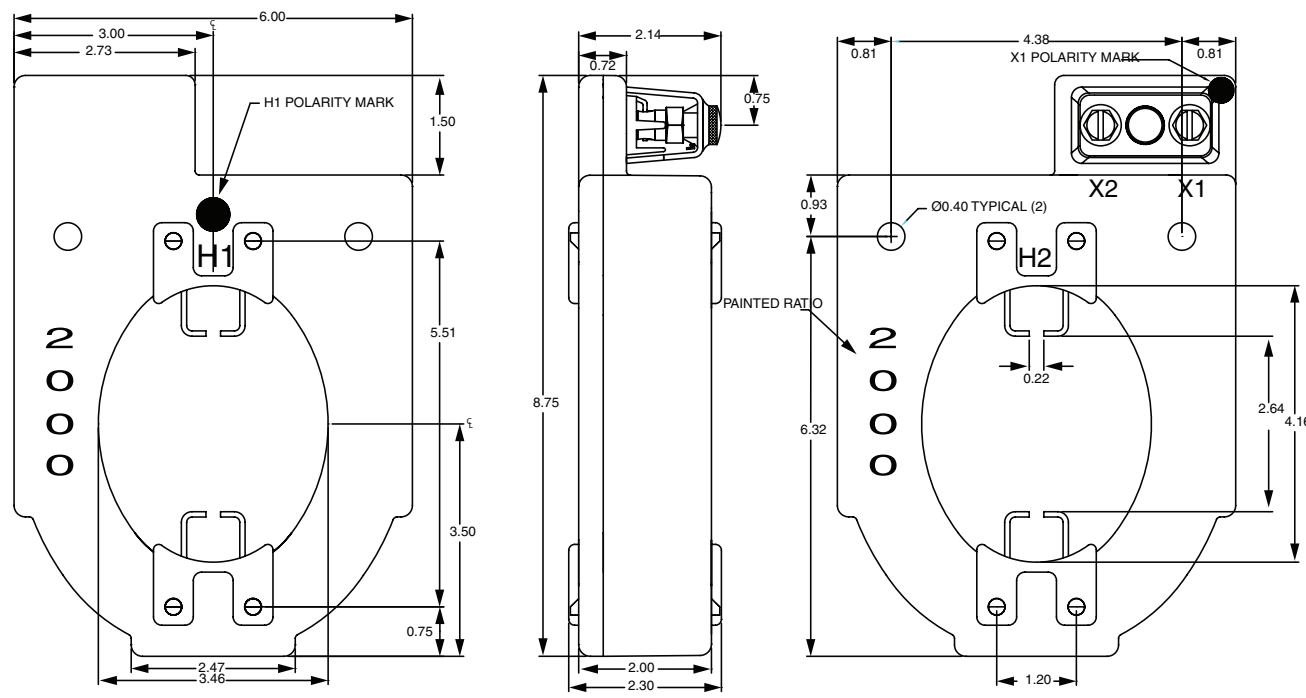
Mounting

The transformer can be mounted in any position but is usually installed on the pad mount transformer terminal blade using the Valox "grabbers". The grabbers are removable and 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.

DIMENSIONS



All Dimensions In Inches

FLEX-CORE®

Div. Morlan & Associates, Inc.

4970 Scioto Darby Rd. Hilliard, Ohio 43026

WWW.FLEX-CORE.COM

sales@flex-core.com

PHONE (614) 889-6152

TECH. ASSISTANCE (614) 876-8308

FAX # (614) 876-8538