

MODEL JAD-OC-X

Indoor/Outdoor Current Transformer

600 V, 10 kV BIL, 200-4,000 A
Cross Shaped Window



Application

Designed for both indoor and outdoor service. Suitable for operating meters, instruments and control devices. For use on higher voltage circuits with an insulated primary conductor, please refer to the Applications Information section of catalog GEP-9186.

Weight

(Approximate)
Transformer, Window Type13 lbs
Mounting Base, add2 lbs

Insulation Level

0.6 kV; BIL 10 kV full wave

Frequency

50-60 Hz

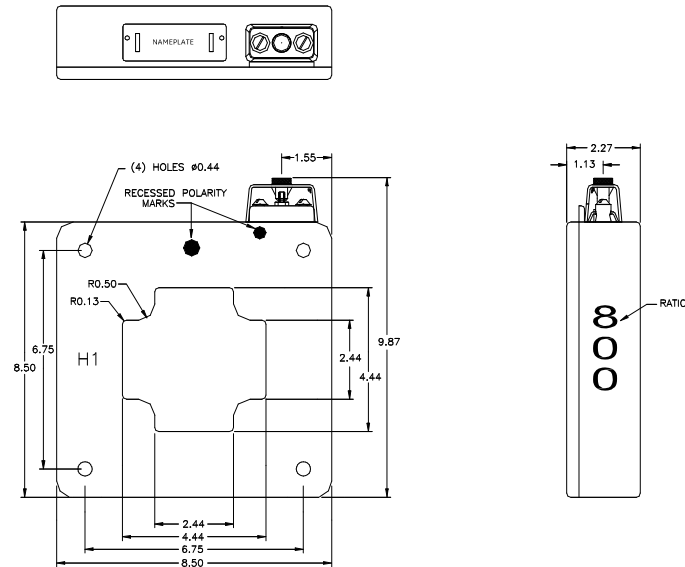
Reference Drawings

Outline0121C35734
Bar Assembly0221A36647
Flushmount Bracket Kit21A38343

JAD-0C Data Table

CURRENT RATIO (Amps) PRI: SEC	ANSI ACCURACY CLASS, 60 Hz BURDEN PER ANSI					CONTINUOUS THERMAL CURRENT RATING FACTOR		CATALOG NUMBER WITHOUT MOUNTING BASE	CATALOG NUMBER STAINLESS STEEL BASE ASSEMBLED
	B0.1	B0.2	B0.5	B0.9	B1.8	@ 30°C Amb.	@ 55°C Amb.		
Single Ratio									
800:5	0.3	0.3	0.3	-	-	3.0	2.0	750X120009	750X120663
1,000:5	0.3	0.3	0.3	0.3	-	2.0	1.5	750X120010	750X120664
1,200:5	0.3	0.3	0.3	0.3	-	2.0	1.5	750X120011	750X120665
1,500:5	0.3	0.3	0.3	0.3	-	3.0	2.0	750X120183	750X120666
2,000:5	0.3	0.3	0.3	0.3	0.3	2.0	1.5	750X120013	750X120667
2,500:5	0.3	0.3	0.3	0.3	0.3	1.5	1.0	750X120014	750X120668
3,000:5	0.3	0.3	0.3	0.3	0.3	1.5	1.0	750X120015	750X120669
4,000:5	0.3	0.3	0.3	0.3	0.3	1.5	1.0	750X120016	750X120670
Dual Ratio									
600/1,200:5	0.3	0.3	-	-	-	2.0	1.5	750X120030	750X120671
	0.3	0.3	0.3	-	-	2.0	1.5		
800/1,600:5	0.3	0.3	-	-	-	2.0	1.5	750X120031	750X120672
	0.3	0.3	0.3	-	-	2.0	1.5		
1,000/2,000:5	0.3	0.3	0.3	-	-	2.0	1.5	750X120032	750X120673
	0.3	0.3	0.3	0.3	0.3	1.5	1.0		
1,500/3,000:5	0.3	0.3	0.3	-	-	2.0	1.5	750X120033	750X120674
	0.3	0.3	0.3	0.3	0.3	1.5	1.0		
2,000/4,000:5	0.3	0.3	0.3	-	-	2.0	1.5	750X120034	750X120675
	0.3	0.3	0.3	0.3	0.3	1.5	1.0		

JAD-0C Dimensions



Construction and Insulation

The core and coil assembly is encapsulated in resin within a molded case. The case is molded with GE Vernova Valox thermo-plastic 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.

Core and Coils

The core is made from high quality grain oriented silicon steel, annealed under rigidly controlled factory conditions. 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 and X1 are molded into the case.

Conduit Attachment

A secondary conduit box, in place of the secondary terminal block, is available. It is suitable for outdoor applications. Box and cover are made of aluminum with a black finish. The cover has a gasket and four sealable thumbscrews. Two boxes are required for dual ratio transformers. Please contact the factory for special catalog numbers that accept this option.

Nameplates

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

Baseplate and Mounting

The transformer can be mounted in any position. An optional baseplate is available, made of stainless steel plate. It is attached to the transformer with two bolts.

Maintenance

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

For more information, visit
gevernova.com/grid-solutions

Instrument Transformers LLC reserve the right to change specifications of described products at any time without notice and without obligation to notify any person of such changes.

© 2025 GE Vernova and/or its affiliates. All rights reserved. GE and the GE Monogram are trademarks of General Electric Company used under trademark license.



GE VERNOVA

GEA-N50703
English
250916