

Model JCP-0C

Indoor/Outdoor Current Transformer
600 V, 10 kV BIL, 100 to 4,000 A, Window Diameter 5.38"

Application

Designed for indoor and outdoor service. Suitable for operating meters, relays and control devices, on circuits not exceeding 600 V line-to-line. It may be used on higher voltage circuits with an insulated conductor; please refer to the Applications Information section of catalog GEP-9186.

Regulatory Agency Approvals

UL Recognized File E93779

Insulation Level

0.6 kV; BIL 10 kV full wave

Weight

(Approximate)
Transformer with baseplate 28 lbs

Frequency

50-60 Hz



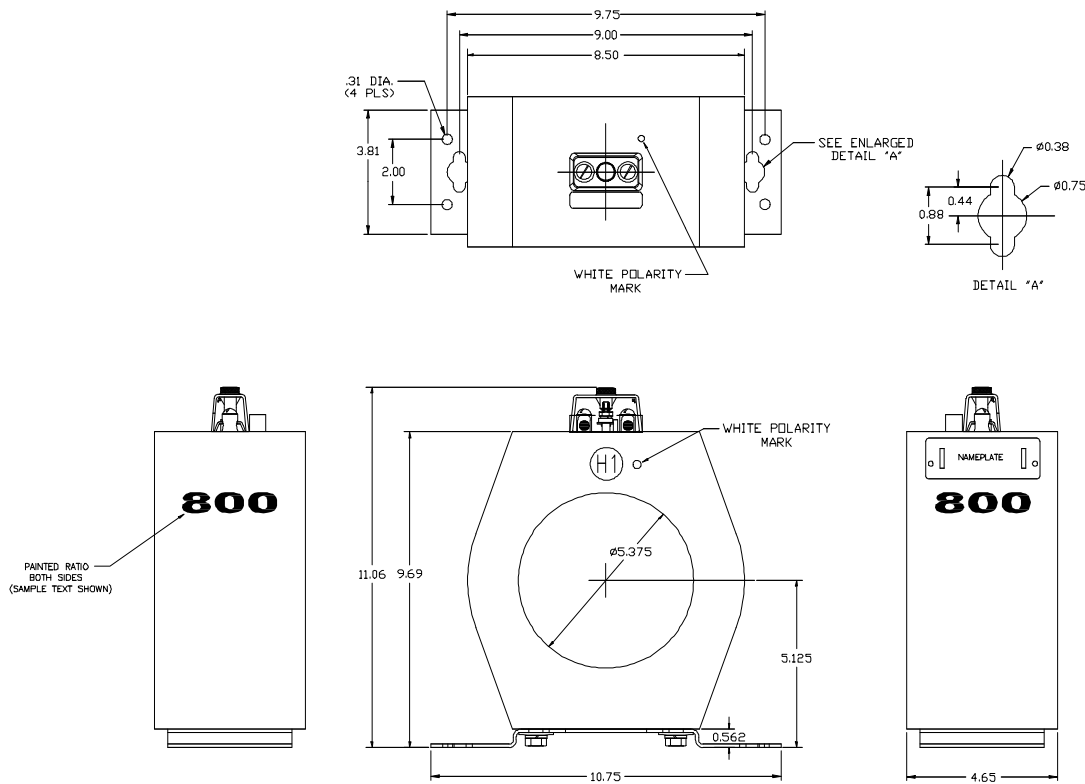
Reference Drawings

Outline: Single Ratio 0121C34439
Outline: Dual Ratio 0121C33763

JCP-0C Product Data

Current Ratio (Amps) Pri : Sec	ANSI Accuracy Class, 60 Hz Burden Per ANSI			Relay Class	Continuous Thermal Current Rating Factor 30 °C Amb.	Catalog Number
	BO.1 to B0.5	BO.9	B1.8			
Single Ratio						
600:5	0.3	0.3	0.3	C100	2.0	750X115002
800:5	0.3	0.3	0.3	C100	2.0	750X115003
1,200:5	0.3	0.3	0.3	C200	2.0	750X115005
1,500:5	0.3	0.3	0.3	C200	2.0	750X115006
2,000:5	0.3	0.3	0.3	C200	1.5	750X115007
3,000:5	0.3	0.3	0.3	C200	1.33	750X115009
4,000:5	0.3	0.3	0.3	C200	1.33	750X115010
Dual Ratio						
1,000/ 2,000:5	0.3	0.6	0.6	C100	2.0	750X115011
	0.3	0.3	0.3	C200	1.5	
1,500/ 3,000:5	0.3	0.3	0.6	C100	2.0	750X115012
	0.3	0.3	0.3	C200	1.33	
2,000/ 4,000:5	0.3	0.3	0.6	C100	1.5	750X115013
	0.3	0.3	0.3	C200	1.33	

JCP-0C Dimensions



Conduit Attachment

A secondary conduit box, is available only for single ratio transformers. 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 thumb-screws. The part number for the complete assembly, including cover, thumb-screws and gaskets is 9689693011.

Primary Conductor

A bus or insulated cable forms the primary winding.

Nameplates

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

Baseplate and Mounting

The transformer can be mounted in any position. The baseplate is made from stainless steel plate. It is attached to the transformer with four bolts and has two keyhole slots allowing installation of the mounting bolts before placing the transformer.

Maintenance

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