

Model JCS-0C

Indoor/Outdoor Current Transformer
600 V, 10 kV BIL, 50-4,000 A Window Diameters 2.50", 4.88", 5.25"

Application

Designed for indoor 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

Reference Drawings

Outline

0121C33697

Weight

(Approximate)

Transformer, Cat No. 750X110038 47 lbs

Transformer, Cat No. 750X110039-045 34 lbs

Transformer, Cat No. 750X110046-072 28 lbs

Optional base plate 1.5 lbs

Insulation Level

0.6 kV; BIL 10 kV full wave

Frequency

50-60 Hz



Model JCS-0C Product Data

Current Ratio Φ (Amps) Pri : Sec	ANSI Accuracy Class, 60 Hz		Continuous Thermal-Current Rating Factor		Window Diameter Ψ (inches)	Catalog Number	
	Meter Class, Burden	Relay Class	@30 °C Ambient	@55 °C Ambient		With Base	Without Base
Single-Ratio							
50:5	2.4 thru B0.2	C20	2.0	2.0	2.50	750X110038	750X110001
100:5	2.4 thru B0.2	C10	2.0	2.0	4.88	750X110039	750X110002
200:5	0.6 thru B0.2	C20	2.0	2.0	4.88	750X110041	750X110004
300:5	0.3 thru B0.2	C50	2.0	2.0	4.88	750X110042	750X110005
400:5	0.3 thru B0.5	C50	2.0	2.0	4.88	750X110043	750X110006
600:5	0.3 thru B0.5	C100	2.0	2.0	4.88	750X110045	750X110008
800:5	0.3 thru B0.9	C100	2.0	2.0	5.25	750X110046	750X110009
1,000:5	0.3 thru B0.9	C100	2.0	2.0	5.25	750X110047	750X110010
1,200:5	0.3 thru B1.8	C200	2.0	1.5	5.25	750X110048	750X110011
1,500:5	0.3 thru B1.8	C200	1.5	1.0	5.25	750X110049	750X110012
1,600:5	0.3 thru B1.8	C200	1.33	1.0	5.25	750X110050	750X110013
2,000:5	0.3 thru B1.8	C200	1.0	0.8	5.25	750X110051	750X110014
2,500:5	0.3 thru B1.8	C200	1.0	0.8	5.25	750X110052	750X110015
3,000:5	0.3 thru B1.8	C200	1.0	0.8	5.25	750X110053	750X110016
4,000:5	0.3 thru B1.8	C100	1.0	0.8	5.25	750X110054	750X110017
Multi-Ratio (IEEE C57.13)							
1,200:5MR	0.3 thru B1.8	C200	2.0	1.5	5.25	750X110069	---
2,000:5MR	0.3 thru B1.8	C200	1.0	0.8	5.25	750X110070	---
*2,000:5	0.3 thru B1.8	C200	1.0	0.8	5.25	750X110073	---
3,000:5MR	0.3 thru B1.8	C200	1.0	0.8	5.25	750X110071	---
4,000:5MR	0.3 thru B1.8	C100	1.0	0.8	5.25	750X110072	---

Notes: Ψ Other window diameters are available for special applications, consult factory.

Φ Other ratios are available for special applications, consult factory.

** Non-standard taps 200/400/600/800/1200/1400/1600/1800/2000:5



