

MODEL JCS-0

Indoor Current Transformer

600 V, 50 A to 4,000 A, BIL 10 kV,
2.50" to 5.25" Window, 50/60 Hz



JCS-0 Current Transformer

Application

Designed for indoor service; suitable for operating meters, relays and control devices on circuits not exceeding 600 volts line-to-line. It may be used on higher voltage circuits with an insulated conductor, as described in the Applications Section of this volume.

Regulatory Agency Approvals

UL Recognized.....File E123616

Weight

(Approximate in pounds)	
Transformer:	
All models except 75X010038	32/28
Transformer model 75X010038	53/47
Optional Base Plate	1.5/1.5

Reference Drawings

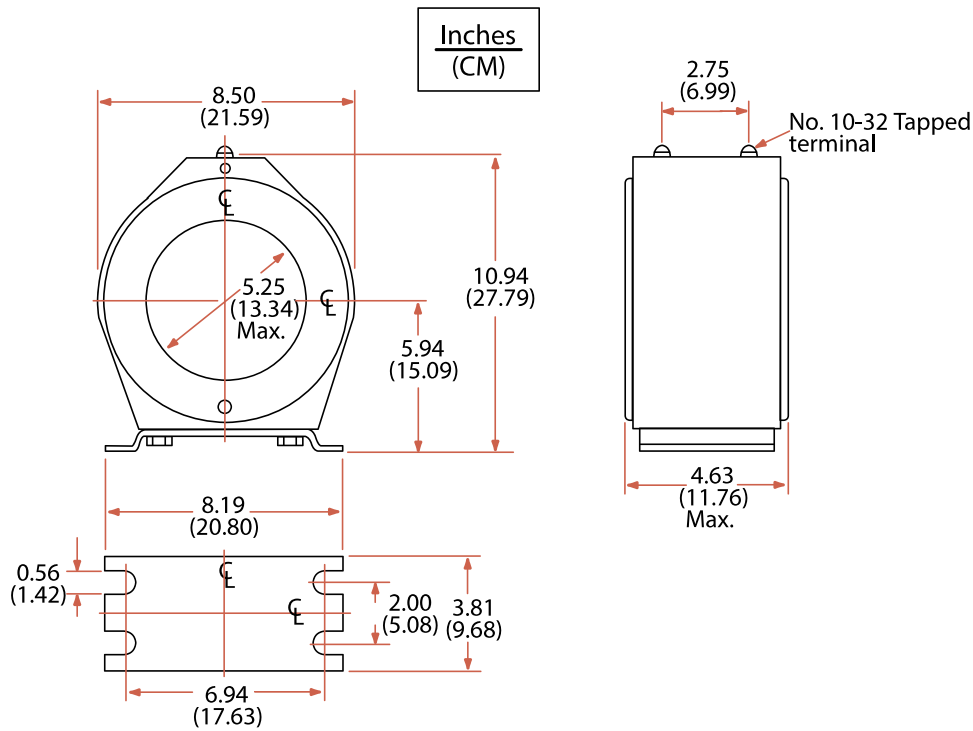
Accuracy Curves:	
50:5	Contact Factory
100:5	Contact Factory
200:5	Contact Factory
300:5	Contact Factory
400:5	9689241355
600:5	9689241356
800:5	9689241237
1,200:5	9689241238
1,500:5	9932600217
2,000:5	9689241240
3,000:5	9689241357



JCS-0 Product Data

CURRENT RATIO (Amps) PRI: SEC	ANSI ACCURACY CLASS, 60 Hz		CONTINUOUS THERMAL-CURRENT RATING FACTOR		ONE-SECOND THERMAL LIMIT, IN AMPERES		CATALOG NUMBER	
	METER CLASS, BURDEN	RELAY CLASS	30°C AMBIENT	55°C AMBIENT	SECONDARY SHORT- CIRCUITED	SECONDARY WITH BURDEN B-0.5 OR GREATER	WITH BASE	WITHOUT BASE
Single-Ratio								
50:5	1.2 thru B-0.1	C15	1.33	1.0	4,600	60,000	750X010038	750X010001
100:5	---	C15	1.33	1.0	4,400	60,000	750X010039	750X010002
200:5	0.6 thru B-0.1	C20	2.0	1.5	9,200	60,000	750X010041	750X010004
300:5	0.6 thru B-0.2	C50	2.0	1.5	13,800	33,000	750X010042	750X010005
400:5	0.3 thru B-0.1	C50	2.0	1.5	18,400	120,000	750X010043	750X010006
600:5	0.3 thru B-0.5	C100	2.0	1.5	27,600	66,000	750X010045	750X010008
800:5	0.3 thru B-1.0	C100	2.0	1.5	36,800	104,000	750X010046	750X010009
1,000:5	0.3 thru B-1.0	C100	2.0	1.5	36,800	104,000	750X010047	750X010010
1,200:5	0.3 thru B-2.0	C200	2.0	1.5	55,200	55,200	750X010048	750X010011
1,500:5	0.3 thru B-2.0	C200	1.5	1.0	69,000	69,000	750X010049	750X010012
1,600:5	0.3 thru B-2.0	C200	1.5	1.0	69,000	69,000	750X010050	750X010013
2,000:5	0.3 thru B-2.0	C200	1.5	1.0	146,000	146,000	750X010051	750X010014
2,500:5	0.3 thru B-2.0	C200	1.5	1.0	146,000	146,000	750X010052	750X010015
3,000:5	0.3 thru B-2.0	C200	1.33	1.0	216,000	300,000	750X010053	750X010016
4,000:5	0.3 thru B-2.0	C200	1.33	1.0	400,000	400,000	750X010054	750X010017
Multi-Ratio								
100/200/300/400/ 500/600/800/900/ 1,000/1,200:5	0.3 thru B-2.0	C200	2.0	1.5	---	---	750X010069	---
300/400/500/800/ 1,100/1,200/1,500/ 1,600/2,000:5	0.3 thru B-2.0	C200	1.5	1.0	---	---	750X010070	---
200/400/600/800/ 1,200/1400/1,600/18,00/ 2,000:5	0.3 thru B-2.0	C200	1.5	1.0	---	---	750X010073	---
500/1,000/1,500/2,000/ 2500/3,000:5	0.3 thru B-2.0	C200	1.33	1.0	---	---	750X010071	---
1,000/1,000/2,000/2,000/ 3,000/4,000:5	0.3 thru B-2.0	C200	1.33	1.0	---	---	750X010072	---

Model JCS-0 - Dimensions



Excitation Curve.....	9689241475
Outline Drawings:	
Single-Ratio Models.....	8949760
Multi-Ratio Model 750X010069.....	8949826
Multi-Ratio Model 750X010070.....	8949872
Multi-Ratio Model 750X010073.....	8949913
Multi-Ratio Model 750X010071.....	8949861
Multi-Ratio Model 750X010072.....	8949873
Wiring Diagram.....	refer to page 41, figure 3

Accessories

Base Plate

Catalog Number

8944637064

Construction and Insulation

Please refer to General Product Information, item 1.5.

Core

Please refer to General Product Information, item 2.5.

Primary Winding

Please refer to General Product Information, item 3.9.

Secondary Winding

Please refer to General Product Information, item 3.16.

Terminals

Please refer to General Product Information, item 4.14.

Polarity

Please refer to General Product Information, item 7.3.

Baseplate and Mounting

Please refer to General Product Information, item 5.12.

Nameplate

Please refer to General Product Information, item 6.6.

Maintenance

Please refer to General Product Information, item 10.1 and pages 24-27.

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

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English
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