

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**

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



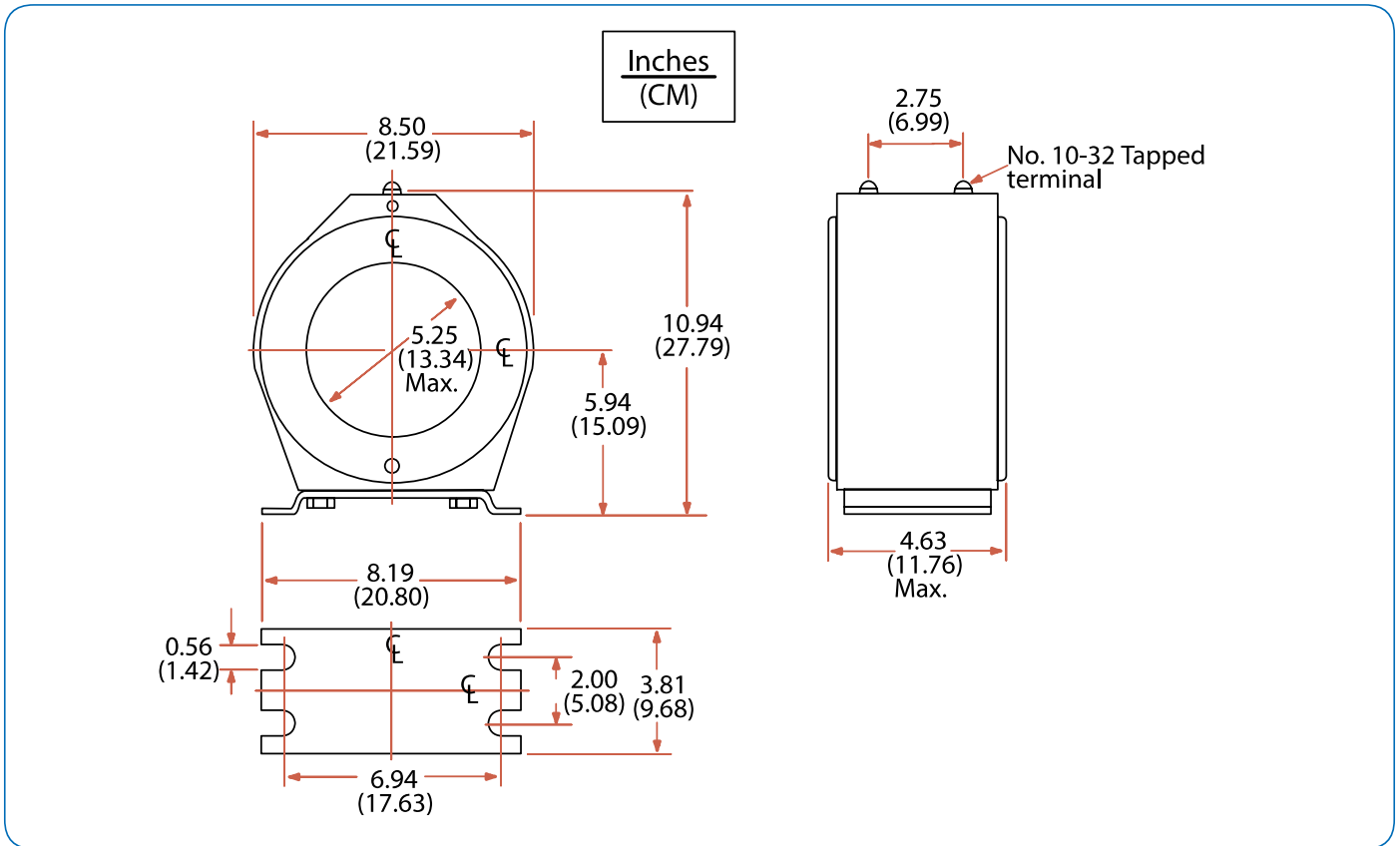
JCS-0 Current Transformer

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	75X010038	75X010001
100:5	---	C15	1.33	1.0	4,400	60,000	75X010039	75X010002
200:5	0.6 thru B-0.1	C20	2.0	1.5	9,200	60,000	75X010041	75X010004
300:5	0.6 thru B-0.2	C50	2.0	1.5	13,800	33,000	75X010042	75X010005
400:5	0.3 thru B-0.1	C50	2.0	1.5	18,400	120,000	75X010043	75X010006
600:5	0.3 thru B-0.5	C100	2.0	1.5	27,600	66,000	75X010045	75X010008
800:5	0.3 thru B-1.0	C100	2.0	1.5	36,800	104,000	75X010046	75X010009
1,000:5	0.3 thru B-1.0	C100	2.0	1.5	36,800	104,000	75X010047	75X010010
1,200:5	0.3 thru B-2.0	C200	2.0	1.5	55,200	55,200	75X010048	75X010011
1,500:5	0.3 thru B-2.0	C200	1.5	1.0	69,000	69,000	75X010049	75X010012
1,600:5	0.3 thru B-2.0	C200	1.5	1.0	69,000	69,000	75X010050	75X010013
2,000:5	0.3 thru B-2.0	C200	1.5	1.0	146,000	146,000	75X010051	75X010014
2,500:5	0.3 thru B-2.0	C200	1.5	1.0	146,000	146,000	75X010052	75X010015
3,000:5	0.3 thru B-2.0	C200	1.33	1.0	216,000	300,000	75X010053	75X010016
4,000:5	0.3 thru B-2.0	C200	1.33	1.0	400,000	400,000	75X010054	75X010017
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	---	---	75X010069	---
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	---	---	75X010070	---
200/400/600/800/1,200/ 1,400/1,600/1,800/2,000:5	0.3 thru B-2.0	C200	1.5	1.0	---	---	75X010073	---
500/1,000/1,500/2,000/ 2,500/3,000:5	0.3 thru B-2.0	C200	1.33	1.0	---	---	75X010071	---
1,000/1,000/2,000/2,000/ 3,000/4,000:5	0.3 thru B-2.0	C200	1.33	1.0	---	---	75X010072	---



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	Catalog Number
Base Plate .	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.

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