

MODEL JKC-3

Indoor Current Transformer

10 A to 1,200 A, 50/60 Hz
5,000 V, BIL 60 kV



JKC-3 Current Transformer

Application

Designed for indoor service; suitable for operating meters, relays, and control devices.

ANSI Meter Accuracy Classification, 60 Hz

Meter Class Burden
B-0.1, B-0.2, and B-0.5; all models 0.3

ANSI Relay Accuracy Classification

Relay Class; all models T50

Weight

(approximate, in pounds)
Transformer 18/16 lbs.

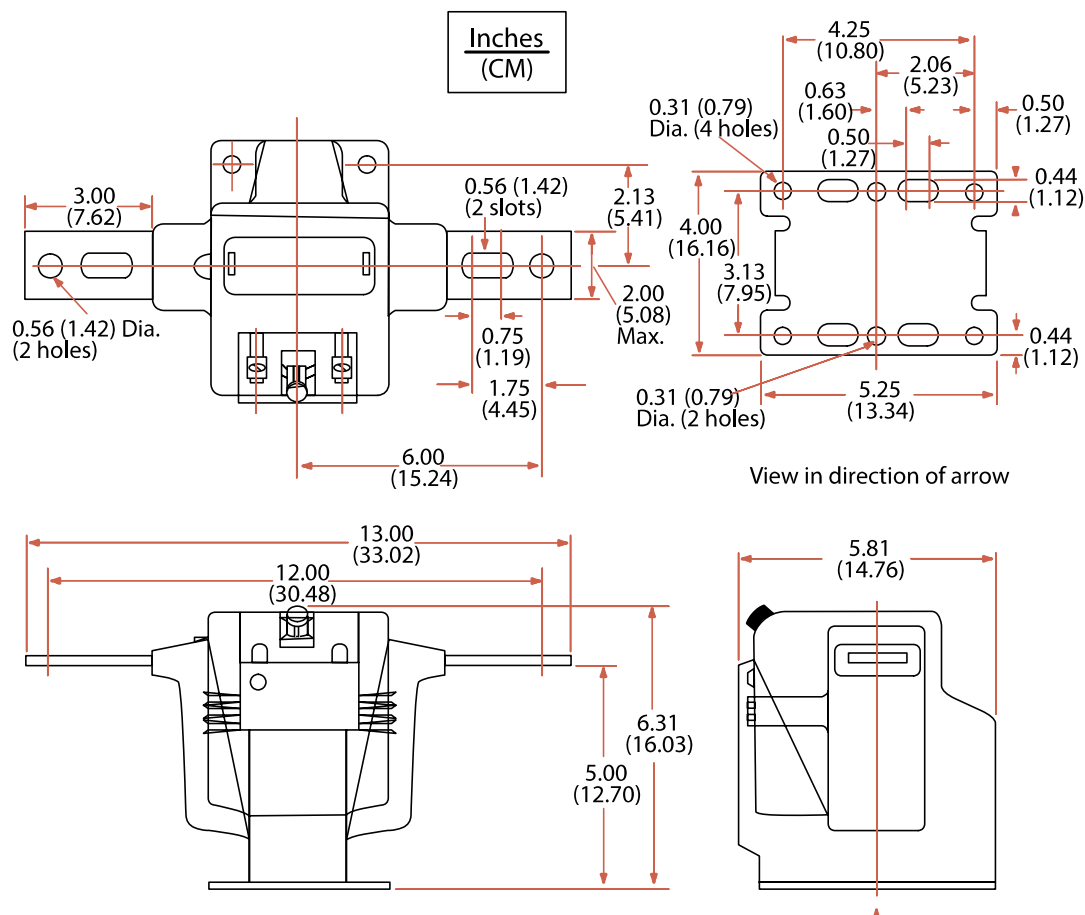
Reference Drawings

Accuracy Curves:
10-300 and 600 A 9689241690
400, 800 and 1200 A 9689241700
Excitation Curve 9689241472
Outline Drawing 9926359
Wiring Diagram refer to page 42, figure 4

JKC-3 Product Data

CURRENT RATIO IN AMPERES; PRI:Sec	CONTINUOUS-THERMAL CURRENT RATING FACTOR		MECHANICAL LIMIT, AMPERES	ONE-SECOND THERMAL LIMIT, AMPERES	CATALOG NUMBER
	30°C AMBIENT	55°C AMBIENT			
10:5	1.5	1.0	1,285	700	753X002001
15:5	1.5	1.0	1,260	1,050	753X002002
20:5	1.5	1.0	2,780	1,400	753X002003
25:5	1.5	1.0	3,700	1,750	753X002004
30:5	1.5	1.0	4,040	2,100	753X002005
40:5	1.5	1.0	5,340	2,800	753X002006
50:5	1.5	1.0	5,310	3,500	753X002007
75:5	1.5	1.0	8,950	5,250	753X002008
100:5	1.5	1.0	11,900	7,000	753X002009
150:5	1.5	1.0	18,350	12,000	753X002010
200:5	1.5	1.0	24,400	14,000	753X002011
300:5	1.5	1.0	36,700	22,500	753X002012
400:5	1.5	1.0	49,300	26,400	753X002013
600:5	1.5	1.0	104,000	56,400	753X002014
800:5	1.5	1.0	104,000	52,800	753X002015
1,200:5	1.0	0.75	108,000	56,400	753X002017

Model JKC-3 - Dimensions



Construction and Insulation

Please refer to General Product Information, item 1.8.

Core

Please refer to General Product Information, item 2.4.

Coils

Please refer to General Product Information, item 3.6.

Primary Terminals

Please refer to General Product Information, item 4.3.

Secondary Terminals

Please refer to General Product Information, item 4.13.

Polarity

Please refer to General Product Information, item 7.2.

Baseplate and Mounting

Please refer to General Product Information, item 5.5.

Nameplate

Please refer to General Product Information, item 6.3.

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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