

# Model JKC-3

**Indoor Current Transformer, 10 A to 1,200 A, 50/60 Hz  
5,000 V, BIL 60 kV**

## 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



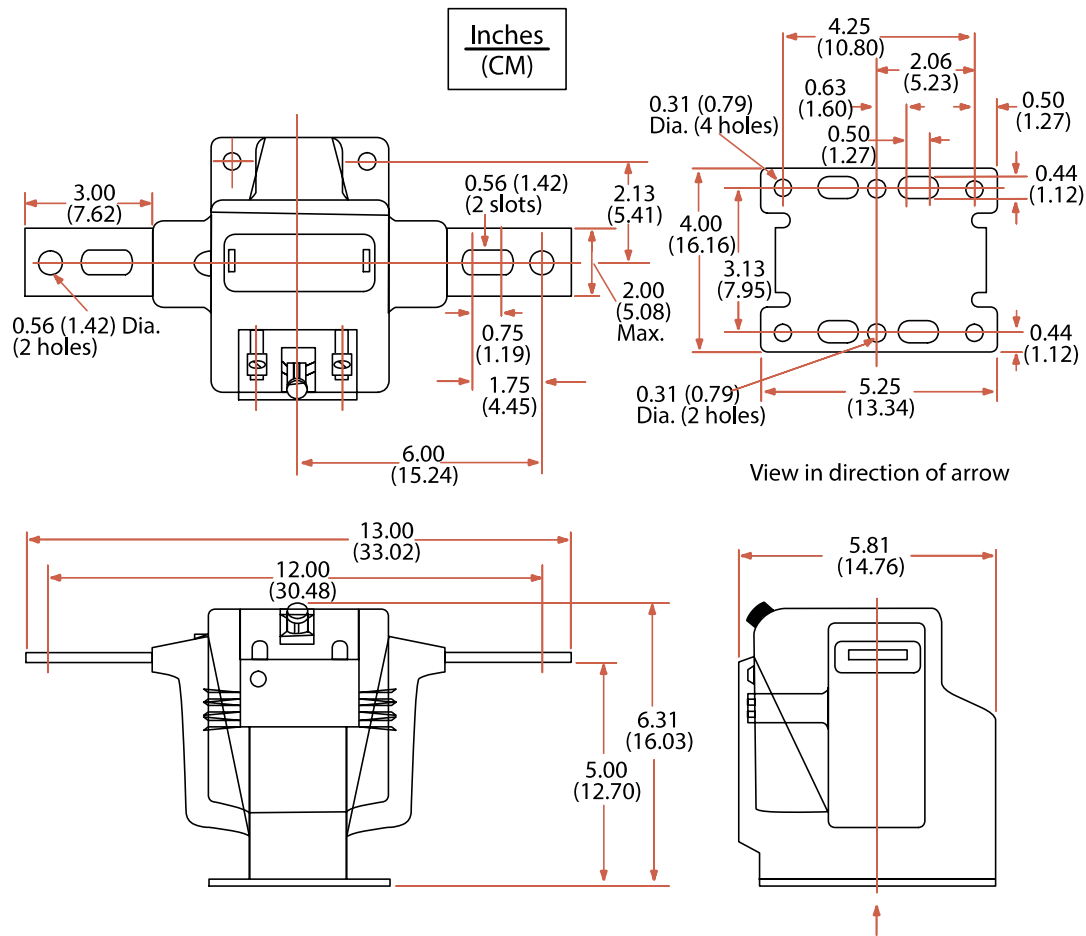
*JKC-3 Current Transformer*

## 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.

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