

# MODEL JKM-2

## Indoor Current Transformer

2,500 V, BIL 45 kV,  
10 A to 1,200 A, 50/60 Hz



JKM-2 Current Transformer

### Application

Designed for indoor service; Suitable for operating meters, instruments 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 - Shipping/Net

(approximate, in pounds)

Transformer.....18/16 lbs

### Reference Drawings

Accuracy Curves:

10-300 and 600 A .....9689241690

400 and 800 A .....9689241700

Excitation Curves .....9689241331

Outline Drawing .....9689861

Wiring Diagram .....refer to page 42, figure 4

### JKM-2 Product Data

| CURRENT RATIO IN<br>AMPERES; PRI:SEC | CONTINUOUS-THERMAL<br>CURRENT RATING FACTOR |              | MECHANICAL LIMIT,<br>AMPERES | 1-Sec. THERMAL<br>LIMIT, AMPERES | CATALOG<br>NUMBER |
|--------------------------------------|---------------------------------------------|--------------|------------------------------|----------------------------------|-------------------|
|                                      | 30°C AMBIENT                                | 55°C AMBIENT |                              |                                  |                   |
| 10:5                                 | 1.5                                         | 1.0          | 1,285                        | 700                              | 752X040001        |
| 15:5                                 | 1.5                                         | 1.0          | 1,260                        | 1,050                            | 752X040002        |
| 20:5                                 | 1.5                                         | 1.0          | 2,780                        | 1,400                            | 752X040003        |
| 25:5                                 | 1.5                                         | 1.0          | 3,700                        | 1,750                            | 752X040004        |
| 30:5                                 | 1.5                                         | 1.0          | 4,040                        | 2,100                            | 752X040005        |
| 40:5                                 | 1.5                                         | 1.0          | 5,340                        | 2,800                            | 752X040006        |
| 50:5                                 | 1.5                                         | 1.0          | 5,310                        | 3,500                            | 752X040007        |
| 75:5                                 | 1.5                                         | 1.0          | 8,950                        | 5,250                            | 752X040008        |
| 100:5                                | 1.5                                         | 1.0          | 11,900                       | 7,000                            | 752X040009        |
| 150:5                                | 1.5                                         | 1.0          | 18,350                       | 12,000                           | 752X040010        |
| 200:5                                | 1.5                                         | 1.0          | 24,400                       | 14,000                           | 752X040011        |
| 300:5                                | 1.5                                         | 1.0          | 36,700                       | 22,500                           | 752X040012        |
| 400:5                                | 1.5                                         | 1.0          | 49,300                       | 26,400                           | 752X040013        |
| 600:5                                | 1.5                                         | 1.0          | 104,000                      | 56,400                           | 752X040014        |
| 800:5                                | 1.5                                         | 1.0          | 104,000                      | 52,800                           | 752X040015        |
| 1,200:5                              | 1.0                                         | 0.75         | 108,000                      | 56,400                           | 752X040017        |

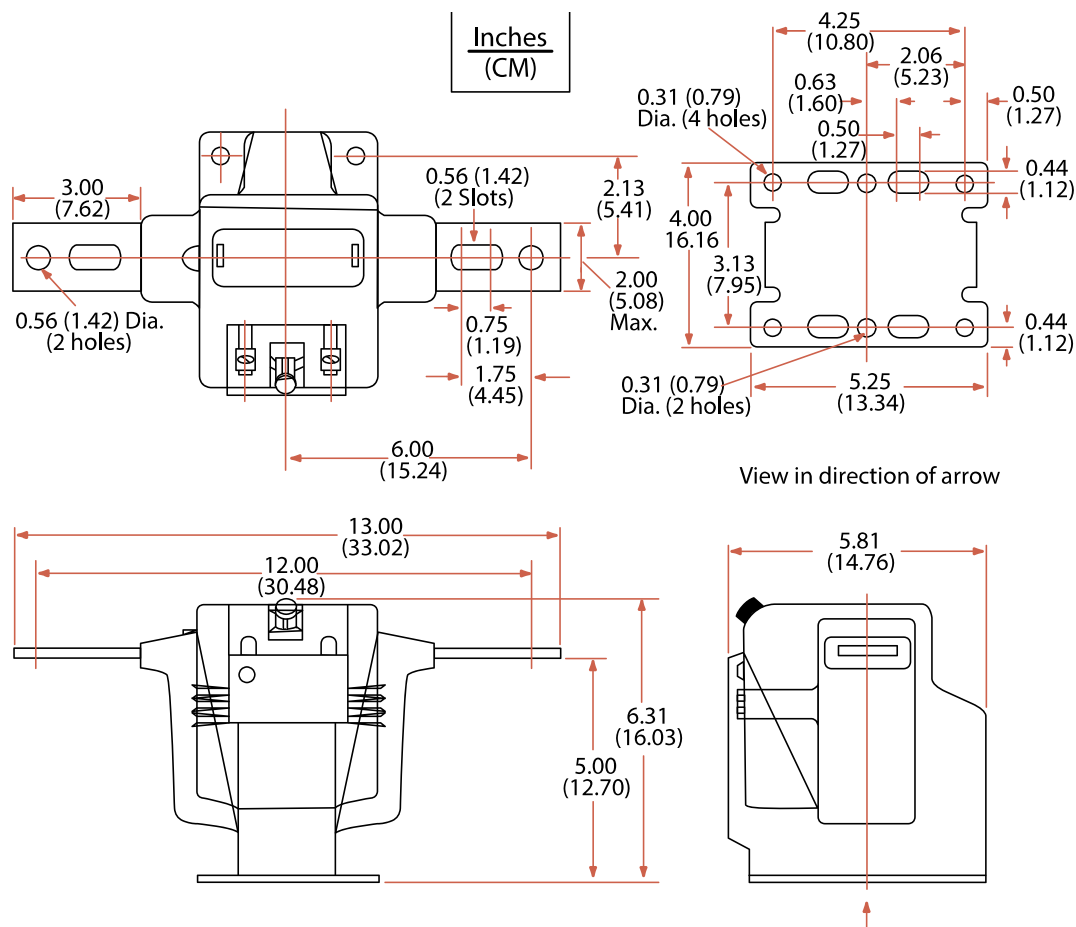


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## JKM-2 Dimensions



## Construction and Insulation

Please refer to General Product Information, items 1.2 and 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.