

MODEL JKM-4

Indoor Current Transformer

NSV 8.7 kV, 75 kV BIL,
10-800A, 50/60 Hz

Application

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

ANSI Meter Accuracy Classification, 60 Hz

Meter Class Burden

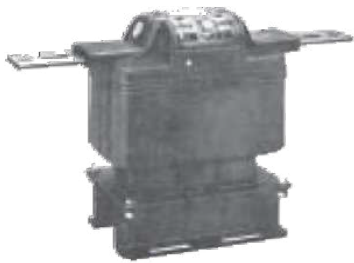
B-0.1 thru B2.0 all models0.3

ANSI Relay Accuracy Classification

Relay ClassT100



When choosing your GE Vernova Instrument Transformer, don't forget to explore the benefits of using GE Vernova's 0.15 accuracy class AccuBute line.



JKM-4 Current Transformer, with factory-assembled auxiliary mounting feet

Weight - Shipping/Net

(approximate, in pounds)

Transformer35/30 lbs

Auxiliary Mounting Plate4/3 lbs

Reference Drawings

Accuracy Angle Curve9689241518

Excitation Curves:

Groups 2-17 and 20-359689241789

Group 18 and 369689241812

Outline Drawing for All Models 8949737

Wiring Diagramrefer to page 41, figure 3

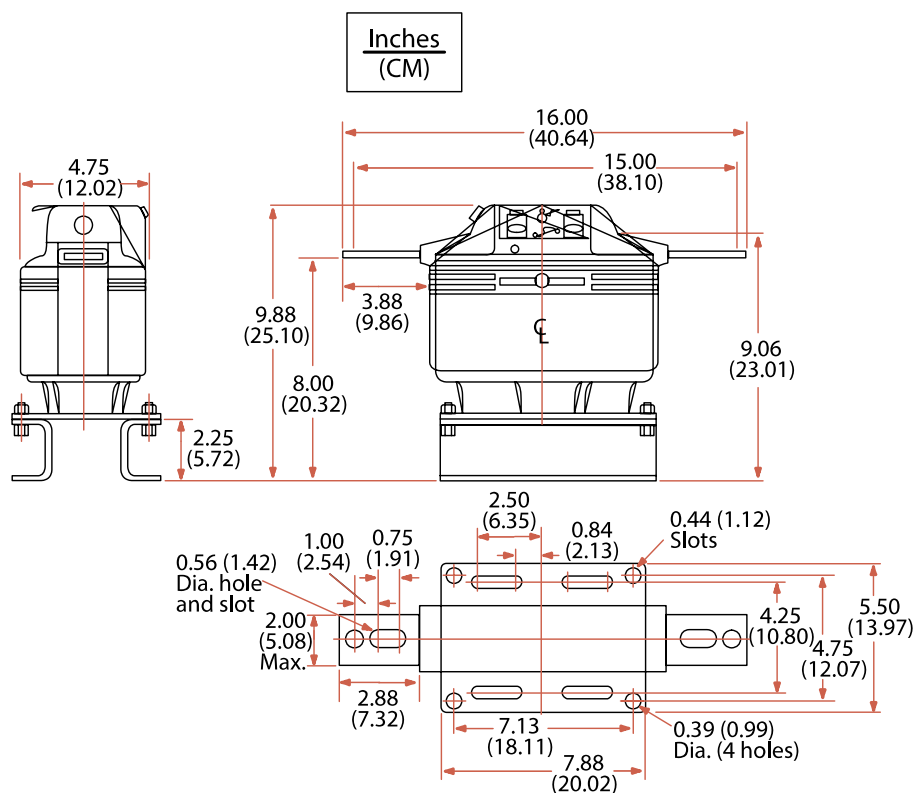


JKM-4 Product Data

| CURRENT RATIO IN AMPERES; Pri:Sec | CONTINUOUS- THERMAL-CURRENT RATING FACTOR 30°C AMBIENT | MECHANICAL LIMIT, AMPERES | 1-Sec. THERMAL LIMIT, AMPERES | CATALOG NUMBER ¹ | |
|--------------------------------------|---|------------------------------|----------------------------------|-----------------------------|----------------------------------|
| | | | | TRANSFORMER ONLY | WITH AUXILIARY MOUNTING PLATE |
| 10:5 | 1.5 | 1,100 | 930 | 754X040002 | 754X040020 |
| 15:5 | 1.5 | 1,650 | 1,470 | 754X040003 | 754X040021 |
| 20:5 | 1.5 | 2,200 | 1,850 | 754X040004 | 754X040022 |
| 25:5 | 1.5 | 2,750 | 2,300 | 754X040005 | 754X040023 |
| 30:5 | 1.5 | 3,300 | 2,450 | 754X040006 | 754X040024 |
| 40:5 | 1.5 | 4,400 | 3,700 | 754X040007 | 754X040025 |
| 50:5 | 1.5 | 5,500 | 4,600 | 754X040008 | 754X040026 |
| 75:5 | 1.5 | 8,250 | 6,400 | 754X040009 | 754X040027 |
| 100:5 | 1.5 | 11,000 | 8,600 | 754X040010 | 754X040028 |
| 150:5 | 1.5 | 16,500 | 12,800 | 754X040011 | 754X040029 |
| 200:5 | 1.5 | 22,000 | 17,300 | 754X040012 | 754X040030 |
| 300:5 | 1.5 | 33,000 | 25,700 | 754X040014 | 754X040032 |
| 400:5 | 1.5 | 44,000 | 36,000 | 754X040015 | 754X040033 |
| 600:5 | 1.5 | 66,000 | 51,500 | 754X040017 | 754X040035 |
| 800:5 | 1.33 | 88,000 | 63,300 | 754X040018 | 754X040036 |

1. Measurement Canada Approved: AE-0415

JKM-4 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.

Primary and Secondary Coils

Please refer to General Product Information, item 3.3.

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.

Auxiliary Mounting Plate

An auxiliary mounting plate is available to increase the height of the transformer. This brings the distance from the primary terminals to the mounting surface in line with recommended industry standards for 8,700 Volt metering current transformers. The auxiliary mounting plate is made of steel with a black paint finish to match the transformer.

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

Instrument Transformers LLC reserve the right to change specifications of described products at any time without notice and without obligation to notify any person of such changes.

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