

JKM-0

Indoor/Outdoor Current Transformer

600 V, BIL 10 kV. 10 A to 1,200 A,
50/60 Hz



JKM-0 Current Transformer

Application

Designed for indoor service; Suitable for operating meters, instruments and control devices.

Regulatory Agency Approvals

UL Recognized File E123616

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

Reference Drawings

Accuracy Curves:

10-300 and 600 A 9689241690

400 and 800 A 9689241700

Excitation Curve 9689241554

Outline Drawing 9928734

Wiring Diagram refer to page 41, figure 2

Weight - Shipping/Net

(approximate, in pounds)

Transformer 19/16

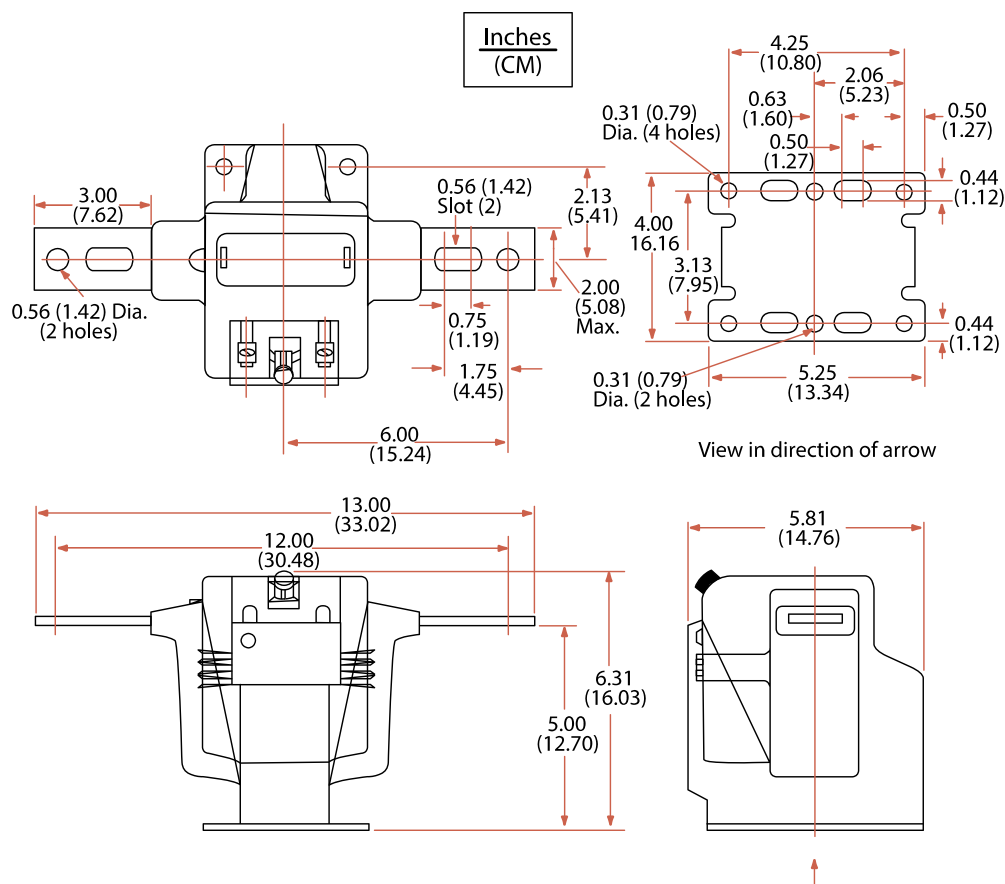
JKM-0 Product Data

CURRENT RATIO IN AMPERES; Pri:Sec	CONTINUOUS-THERMAL CURRENT RATING FACTOR		MECHANICAL LIMIT, AMPERES	1-Sec. THERMAL LIMIT, AMPERES	CATALOG NUMBER
	30°C AMBIENT	55°C AMBIENT			
10:5	1.5	1.0	1,285	700	750X041001
15:5	1.5	1.0	1,260	1,050	750X041002
20:5	1.5	1.0	2,780	1,400	750X041003
25:5	1.5	1.0	3,700	1,750	750X041004
30:5	1.5	1.0	4,040	2,100	750X041005
40:5	1.5	1.0	5,340	2,800	750X041006
50:5	1.5	1.0	5,310	3,500	750X041007
75:5	1.5	1.0	8,950	5,250	750X041008
100:5	1.5	1.0	11,900	7,000	750X041009
150:5	1.5	1.0	18,350	12,000	750X041010
200:5	1.5	1.0	24,400	14,000	750X041011
300:5	1.5	1.0	36,700	22,500	750X041012
400:5	1.5	1.0	49,300	26,400	750X041013
600:5	1.5	1.0	104,000	56,400	750X041014
800:5	1.5	1.0	104,000	52,800	750X041015
1,000:5	1.5	1.0	108,000	56,400	750X041016
1,200:5	1.0	0.75	108,000	56,400	750X041017



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JKM-0 Dimensions



JKM-0 mechanical 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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