

MODEL JKM-5

Indoor Current Transformers, Wound-Type

15 kV, BIL 110 kV,
5 A to 800 A, 50/60 Hz

ACCUBUTE
AVAILABLE

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-5 Transformer, Dual-Secondary

Application

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

Weight - Shipping/Net

(approximate, in pounds)

Single-Secondary	55/49
Dual-Secondary	112/100
Tapped-Secondary.....	112/100

Reference Drawings

Accuracy Curve	9932600088
Excitation Curve	9932600046
Group 18 only	9932600047
Outline Drawings:	
Single-Secondary Models	8949714
Dual-Secondary Models	8949937
Tapped-Secondary Models	9926216
Wiring Diagram	refer to page 42, figure 3

JKM-5 Data Table

CURRENT RATIO (Amps) Pri: Sec	ANSI ACCURACY CLASS, 60 Hz			CONTINUOUS THERMAL CURRENT RATING FACTOR 30°C AMBIENT	MECHANICAL LIMIT, AMPERES	1-Sec. THERMAL LIMIT, AMPERES	CATALOG NUMBER¹
	ANSI METER CLASS BURDEN		RELAY CLASS				
	B0.1 TO B0.5	B0.9 TO 1.8					
Single-Secondary							
5:5	0.3	0.3	T200	1.5	625	465	755X042001
10:5	0.3	0.3	T200	1.5	1,250	930	755X042002
15:5	0.3	0.3	T200	1.5	1,875	1,470	755X042003
20:5	0.3	0.3	T200	1.5	2,500	1,850	755X042004
25:5	0.3	0.3	T200	1.5	3,125	2,300	755X042005
30:5	0.3	0.3	T200	1.5	3,750	2,460	755X042006
40:5	0.3	0.3	T200	1.5	5,000	3,720	755X042007
50:5	0.3	0.3	T200	1.5	6,250	4,600	755X042008
75:5	0.3	0.3	T200	1.5	9,375	6,375	755X042009
100:5	0.3	0.3	T200	1.5	12,500	8,600	755X042010
150:5	0.3	0.3	T200	1.5	18,750	12,750	755X042011
200:5	0.3	0.3	T200	1.5	25,000	17,200	755X042012
300:5	0.3	0.3	T200	1.5	37,500	25,800	755X042014
400:5	0.3	0.3	T200	1.5	50,000	36,000	755X042015



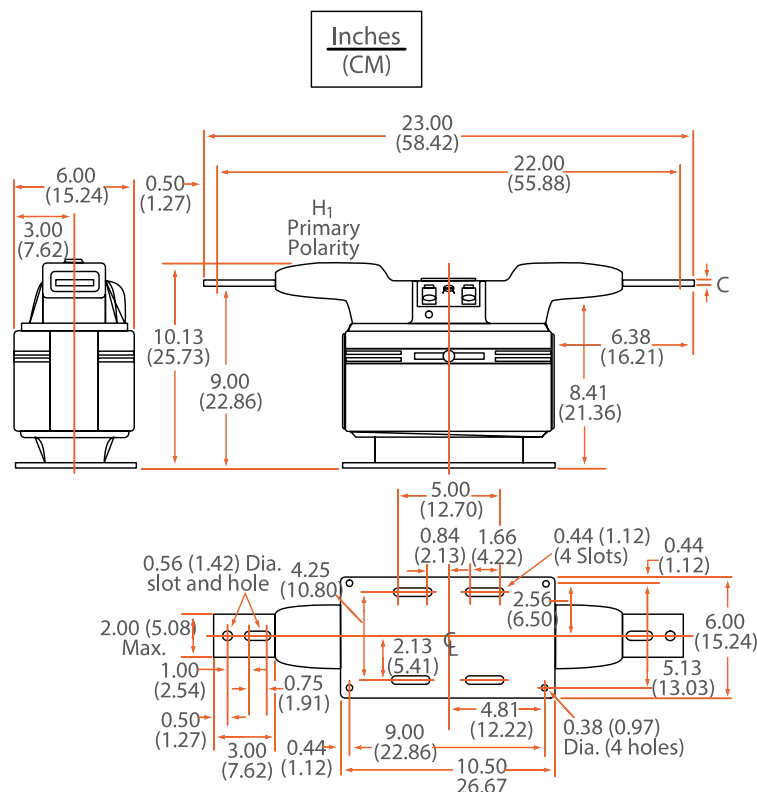
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JKM-5 Data Table (cont'd)

CURRENT RATIO (AMPS) Pri: Sec	ANSI ACCURACY CLASS, 60 Hz			CONTINUOUS THERMAL CURRENT RATING FACTOR 30°C AMBIENT	MECHANICAL LIMIT, AMPERES	1-Sec. THERMAL LIMIT, AMPERES	CATALOG NUMBER¹
	ANSI METER CLASS BURDEN		RELAY CLASS				
	B0.1 TO B0.5	B0.9 TO 1.8					
Single-Secondary							
500:5	0.3	0.3	T200	1.5	54,690	42,000	755X042016
600:5	0.3	0.3	T200	1.5	75,000	51,600	755X042017
800:5	0.3	0.3	T200	1.2	80,000	63,200	755X042018
Tapped-Secondary							
50/100:5	0.3	- - -	T100	2.0	12,500	4,300	755X042039
	0.3	0.3	T200	1.5	12,500	8,600	
75/150:5	0.3	- - -	T100	2.0	18,750	6,375	755X042040
	0.3	0.3	T200	1.5	18,750	12,750	
100/200:5	0.3	- - -	T100	2.0	25,000	8,600	755X042041
	0.3	0.3	T200	1.5	25,000	17,200	
150/300:5	0.3	- - -	T100	2.0	37,500	12,900	755X042042
	0.3	0.3	T200	1.5	37,500	25,800	
200/400:5	0.3	- - -	T100	2.0	50,000	18,000	755X042043
	0.3	0.3	T200	1.5	50,000	36,000	
300/600:5	0.3	- - -	T100	2.0	75,000	25,800	755X042044
	0.3	0.3	T200	1.5	75,000	51,600	
400/800:5	0.3	- - -	T100	2.0	80,000	31,600	755X042045
	0.3	0.3	T200	1.5	80,000	63,200	

1. Measurement Canada Approval, T-0285 or AE-0320 or AE-0312

JKM-5 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.

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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