

MODEL JKS-5

Indoor Current Transformer

15,000 V, BIL 95 kV,
15 A to 800 A, 50/60 Hz



JKS-5 Current Transformer, Single-Secondary

Application

Designed for indoor service; suitable for operating relays and control devices. It has been designed with extra-high mechanical and thermal ratings to adapt it to this application.

Weight - Shipping/Net

(approximate, in pounds)

Single-Secondary 56/50 lbs
Dual-Secondary 112/102 lbs
Tapped-Secondary 56/50 lbs

JKS-5 Product Data

CURRENT RATIO IN AMPERES; PRI:Sec	ANSI ACCURACY CLASS, 60 Hz				CONTINUOUS THERMAL- CURRENT RATING FACTOR		1-Sec. THERMAL LIMIT, AMPERES		CATALOG NUMBER
	METER CLASS, BURDEN			RELAY CLASS	30°C AMBIENT	55°C AMBIENT	WITH SECONDARY SHORT- CIRCUITED	WITH BURDEN B-0.2 OR GREATER	
	B-0.1	B-0.5	B-2						
Single-Secondary									
15:5	---	---	---	T10	1.5	1.0	13,000	13,000	755X001001
20:5	1.2	---	---	T10	1.5	1.0	13,000	13,000	755X001002
25:5	1.2	1.2	---	T10	1.5	1.0	10,000	13,000	755X001003
30:5	0.6	1.2	---	T20	1.5	1.0	6,000	13,000	755X001004
40:5	1.2	---	---	T10	1.5	1.0	25,200	25,200	755X001005
50:5	0.6	---	---	T10	1.5	1.0	15,000	25,200	755X001006
75:5	0.6	1.2	---	T20	1.5	1.0	15,000	33,500	755X001007
100:5	0.3	0.6	---	T20	1.5	1.0	10,000	33,500	755X001008
150:5	0.3	0.3	1.2	T50	1.5	1.0	21,000	33,500	755X001010
200:5	0.3	0.3	1.2	T50	1.5	1.0	26,000	44,000	755X001011
300:5	0.3	0.3	1.2	T50	1.5	1.0	35,000	44,000	755X001013
400:5	0.3	0.3	0.3	T200	1.5	1.0	44,000	44,000	755X001014
600:5	0.3	0.3	0.3	T200	1.5	1.0	55,000	55,000	755X001016
800:5	0.3	0.3	1.2	T50	1.5	1.0	59,000	59,000	755X001017
Tapped-Secondary									
50/100:5	1.2 0.3	2.4 0.6	--- 2.4	T10 T20	1.5 1.5	1.1 1.1	Refer to Factory for Application information		755X001018
75/150:5	0.6 0.3	1.2 0.3	--- 1.2	T20 T50	1.5 1.5	1.1 1.1			755X001019
100/200:5	0.6 0.3	1.2 0.3	--- 1.2	T20 T50	1.5 1.5	1.1 1.1			755X001020
150/300:5	0.3 0.3	0.6 0.3	2.4 1.2	T20 T50	1.5 1.5	1.1 1.1			755X001021
200/400:5	0.3 0.3	0.6 0.3	1.2 0.3	T50 T100	1.5 1.5	1.1 1.1			755X001022
300/600:5	0.3 0.3	0.6 0.3	2.4 0.3	T50 T100	1.5 1.5	1.1 1.1			755X001023
400/800:5	0.6 0.3	1.2 0.3	--- 1.2	T20 T50	1.5 1.5	1.1 1.1			755X001024



GE VERNOVA

Reference Drawings

Accuracy Curves:

15:5	9689241529
20:5	9689241530
25:5	5453787
30:5	5453789
40:5	9689241531
50:5	9689241515
75:5	9689241532
100:5	9689241516
150:5	9689241517
200:5	9689241524
300:5	9689241525
400:5	9689241526
600:5	9689241527
800:5	9689241528

Excitation Curves:

15:5	9932600046
20:5	9932600047
25:5	9932600047
30:5	9932600047
40:5	9932600046
50:5	9932600046
75:5	9932600046
100:5	9932600047
150:5	9932600046
200:5	9932600047
300:5	9932600047
400:5	9932600046
600:5	9932600046
800:5	9932600046

Outline Drawings:

Single-Secondary Models	8949736
Dual-Secondary Models	8949937
Tapped-Secondary Models	8949807
Wiring Diagram	refer to page 42, figure 4

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.

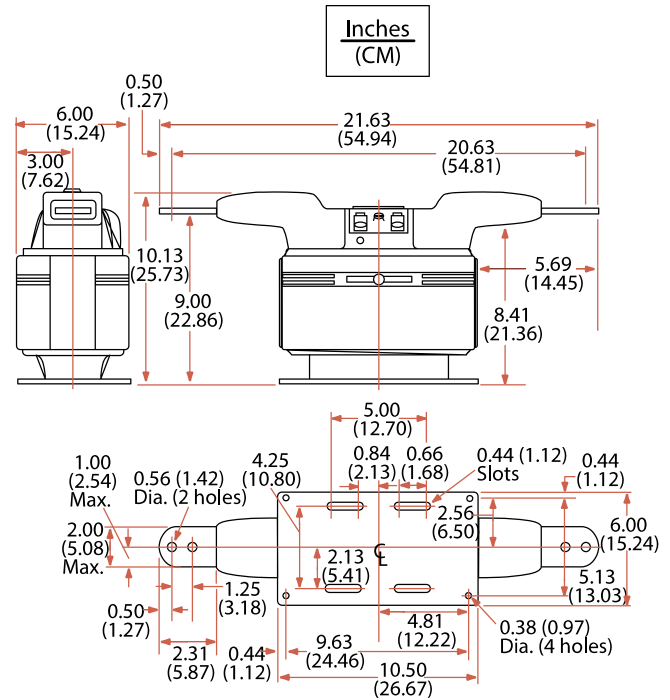
Coils

Please refer to General Product Information, item 3.3.

Primary Terminals

Please refer to General Product Information, item 4.4.

JKS-5 dimensions



JKS-5 Mechanical Dimensions

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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GEA-N50647
English
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