

MODEL JKS-3

Indoor Current Transformer

5,000 V, BIL 60 kV,
15 A to 800 A, 50/60 Hz



Model JKS-3 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	36/30 lbs
Dual-Secondary	74/62 lbs
Tapped-Secondary	36/30 lbs

JKS-3 Product Data

CURRENT RATIO IN AMPERES; Pri:Sec	ANSI ACCURACY CLASS, 60 Hz			CONTINUOUS THERMAL- CURRENT RATING FACTOR			MECHANICAL LIMIT, AMPERES	1-Sec. THERMAL LIMIT, AMEERES		CATALOG NUMBER
	METER CLASS, BURDEN							WITH SECONDARY SHORT- CIRCUITED	WITH BURDEN B- 0.2 OR GREATER	
	B-0.1	B-0.5	B-2	RELAY CLASS	30°C AMBIENT	55°C AMBIENT				
Single-Secondary										
15:5	0.6	1.2	--	T10	1.5	1.0	12,500	1,700	6,400	753X001001
25:5	0.6	1.2	--	T20	1.5	1.0	12,500	2,000	6,400	753X001003
40:5	0.6	1.2	--	T10	1.5	1.0	22,000	2,500	12,800	753X001005
50:5	0.6	1.2	--	T20	1.5	1.0	22,000	3000	12,800	753X001006
75:5	0.3	0.6	--	T20	1.5	1.0	22,000	4,000	12,800	753X001007
100:5	0.6	1.2	--	T10	1.5	1.0	44,000	5,000	25,200	753X001008
150:5	0.6	1.2	--	T20	1.5	1.0	59,000	7,500	35,300	753X001009
200:5	0.3	0.6	--	T20	1.5	1.0	59,000	10,000	35,300	753X001010
250:5	0.3	0.3	--	T50	1.5	1.0	66,000	15,000	35,300	753X001011
300:5	0.3	0.3	1.2	T50	1.5	1.0	66,000	20,000	35,300	753X001012
400:5	0.3	0.3	1.2	T50	1.5	1.0	77,000	30,000	35,300	753X001013
500:5	0.3	0.3	0.3	T100	1.5	1.0	77,000	35,300	35,300	753X001014
600:5	0.3	0.3	0.3	T100	1.5	1.0	108,000	50,400	50,400	753X001015
800:5	0.3	0.3	1.2	T50	1.5	1.0	280 000	59,200	59 200	753X001016
Tapped-Secondary										
50/100:5	1.2	2.4	--	T10	1.5	1.1	44,000	Refer to Factory for Values		753X001017
	0.3	0.6	--	T20	1.5	1.1	44,000			
75/150:5	0.6	1.2	--	T20	1.5	1.1	59,000			753X001018
	0.3	0.6	--	T50	1.5	1.1	59,000			
100/200:5	0.6	1.2	--	T20	1.5	1.1	59,000			753X001019
	0.3	0.3	1.2	T50	1.5	1.1	59,000			
150/300:5	0.3	0.6	2.4	T20	1.5	1.1	66,000			753X001020
	0.3	0.3	1.2	T50	1.5	1.1	66,000			
200/400:5	0.3	0.6	2.4	T50	1.5	1.1	66,000	753X001021		
	0.3	0.3	0.3	T100	1.5	1.1	66,000			
300/600:5	0.3	0.6	2.4	T50	1.5	1.1	77,000	753X001022		
	0.3	0.3	0.3	T100	1.5	1.1	77,000			
400/800:5	0.6	1.2	--	T20	1.5	1.1	77,000	753X001023		
	0.3	0.3	1.2	T50	1.5	1.1	77,000			

Reference Drawings

Accuracy Curves:

15:5	5453968001
20:5	5453969001
25:5	5453970001
30:5	5453971001
40:5	5453972001
50:5	5453973001
75:5	5453956001
100:5	5453957001
150:5	5453974001
200:5	5453975001
300:5	5453976001
400:5	5453977001
600:5	5453977001
800:5	5453978001

Excitation Curves:

15:5	Contact Factory
20:5	Contact Factory
25:5	Contact Factory
30:5	Contact Factory
40:5	Contact Factory
50:5	Contact Factory
75:5	9932600124
100:5	9932600018
150:5	9932600018
200:5	9936600018
300:5	9936600018
400:5	9936600018
600:5	9936600018
800:5	9936600018

Outline Drawings:

Single-Secondary Models	8949911
Dual-Secondary Models	8949933
Tapped-Secondary Models	8949806
Wiring Diagram	refer to page 42, figure 4

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.

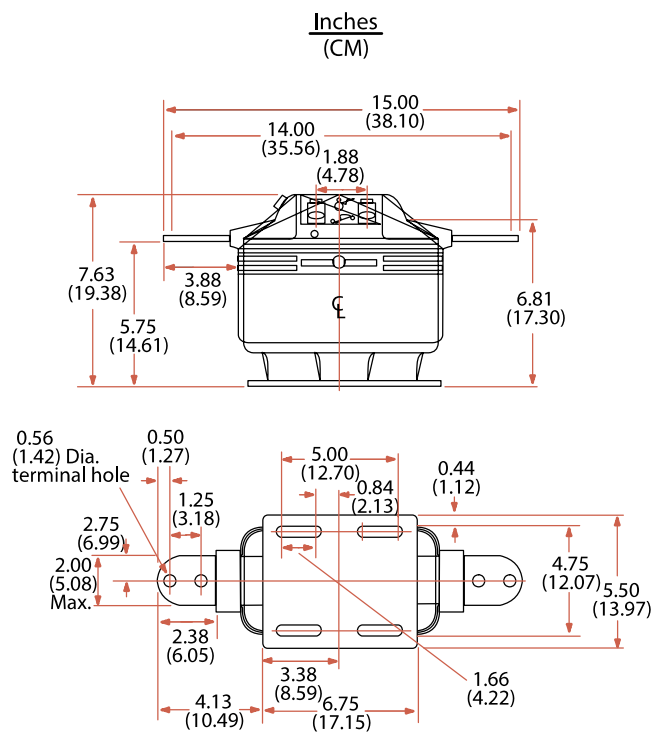
Primary Terminals

Please refer to General Product Information, item 4.3.

Secondary Terminals

Please refer to General Product Information, item 4.13.

JKS-3 Dimensions



JKS-3 Mechanical Dimensions

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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