

MODEL 143

Current Transformer

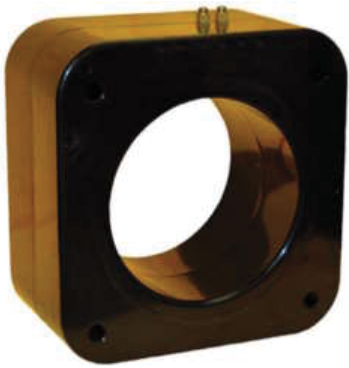
Window Diameter 7.31"

Application

Relaying and metering.

Frequency

50-400 Hz



REGULATORY AGENCY APPROVALS
 E93779  LR89403
Manufactured to meet the requirements of ANSI/IEEE C57.13.
Classified by U.L. in accordance with IEC 44-1

Insulation Level

600 Volt, 10 kV BIL full wave.

Terminals are brass screws No. 10-32 with one flatwasher and lockwasher.

Order mounting bracket kit 0221B00775 separately.

Multi-ratios available on request.

Approximate weight 60 lbs.

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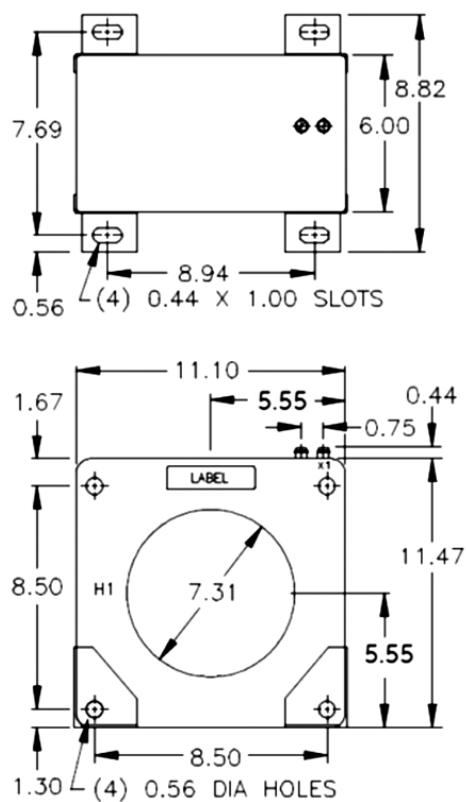
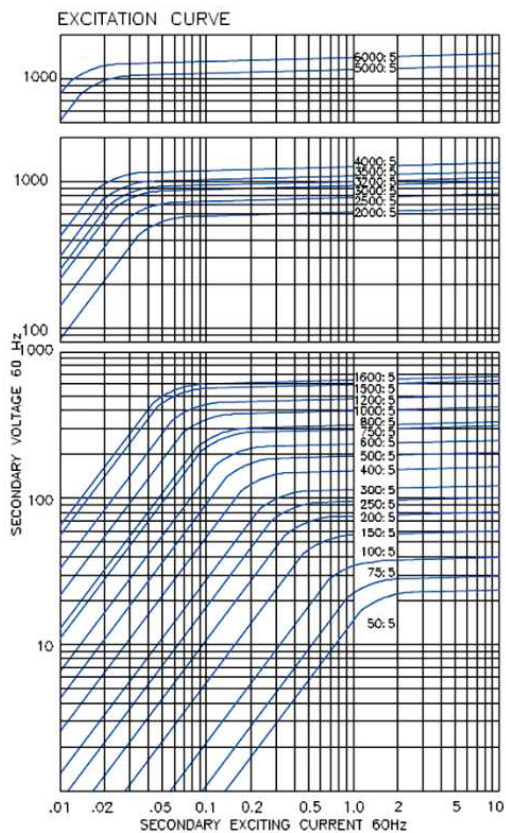
CATALOG NUMBER	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 60 Hz					SECONDARY WINDING RESISTANCE (Ω @ 75°C)	CONTINUOUS THERMAL RATING FACTOR	
			B0.1	B0.2	B0.5	B0.9	B1.8		@ 30°C	@ 55°C
143-500	50:5	C20	4.8	4.8	—	—	—	0.014	2.0	2.0
143-750	75:5	C20	2.4	2.4	—	—	—	0.042	2.0	2.0
143-101	100:5	C20	1.2	2.4	4.8	4.8	—	0.056	2.0	2.0
143-151	150:5*	C50	0.6	0.6	1.2	2.4	4.8	0.121	2.0	2.0
143-201	200:5*	C50	0.3	0.3	0.6	1.2	2.4	0.161	2.0	2.0
143-251	250:5*	C50	0.3	0.3	0.6	1.2	2.4	0.175	2.0	2.0
143-301	300:5*	C100	0.3	0.3	0.3	0.6	1.2	0.241	2.0	2.0
143-401	400:5*	C100	0.3	0.3	0.3	0.3	0.6	0.322	2.0	2.0
143-501	500:5*	C100	0.3	0.3	0.3	0.6	0.6	0.441	2.0	2.0
143-601	600:5*	C200	0.3	0.3	0.3	0.3	0.3	0.530	2.0	1.5
143-751	750:5*	C200	0.3	0.3	0.3	0.3	0.3	0.662	2.0	1.5
143-801	800:5*	C200	0.3	0.3	0.3	0.3	0.3	0.706	2.0	1.5
143-102	1,000:5*	C200	0.3	0.3	0.3	0.3	0.3	0.883	1.5	1.33
143-122	1,200:5*	C400	0.3	0.3	0.3	0.3	0.3	1.059	1.5	1.0

Model 143 (cont'd)

Catalog Number	Current Ratio	Relay Class	ANSI Metering Class at 60 Hz					Secondary Winding Resistance (Ω @ 75°C)	Continuous Thermal Rating Factor	
			B0.1	B0.2	B0.5	B0.9	B1.8		@ 30°C	@ 55°C
143–152	1,500:5*	C400	0.3	0.3	0.3	0.3	0.3	1.324	1.5	1.0
143–162	1,600:5*	C400	0.3	0.3	0.3	0.3	0.3	1.413	1.33	1.0
143–202	2,000:5*	C400	0.3	0.3	0.3	0.3	0.3	1.678	1.33	1.0
143–252	2,500:5*	C400	0.3	0.3	0.3	0.3	0.3	2.097	1.0	0.8
143–302	3,000:5*	C800	0.3	0.3	0.3	0.3	0.3	2.516	1.0	0.8
143–322	3,200:5*	C800	0.3	0.3	0.3	0.3	0.3	2.684	1.0	0.8
143–352	3,500:5*	C800	0.3	0.3	0.3	0.3	0.3	2.936	1.0	0.8
143–402	4,000:5*	C800	0.3	0.3	0.3	0.3	0.3	3.355	1.0	0.6
143–502	5,000:5*	C800	0.3	0.3	0.3	0.3	0.3	3.983	1.0	0.6
143–602	6,000:5*	C800	0.3	0.3	0.3	0.3	0.3	4.780	0.8	0.6

Approved for revenue metering by Industry Canada No. AE-0642

Model 780



For more information, visit
gevernova.com/grid-solutions

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