

MODEL 144

Current Transformer

Window Diameter 6.00"



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

Application

Relaying and metering.

Frequency

50-400 Hz.

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 0221B00259 separately.

Multi-ratios available on request.

Approximate weight 40 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
144-500	50:5	C10	2.4	4.8	–	–	–	0.020	2.0	2.0
144-750	75:5	C10	1.2	2.4	–	–	–	0.032	2.0	2.0
144-101	100:5	C10	1.2	1.2	2.4	4.8	–	0.040	2.0	2.0
144-151	150:5 *	C20	0.6	0.6	1.2	2.4	4.8	0.057	2.0	2.0
144-201	200:5 *	C20	0.6	0.6	1.2	2.4	2.4	0.067	2.0	2.0
144-251	250:5 *	C50	0.3	0.3	0.6	1.2	2.4	0.125	2.0	2.0
144-301	300:5 *	C50	0.3	0.3	0.6	0.6	1.2	0.150	2.0	2.0
144-401	400:5 *	C50	0.3	0.3	0.3	0.6	0.6	0.195	2.0	2.0
144-501	500:5 *	C100	0.3	0.3	0.3	0.6	0.6	0.282	2.0	2.0
144-601	600:5 *	C100	0.3	0.3	0.3	0.3	0.6	0.338	2.0	1.5
144-751	750:5 *	C100	0.3	0.3	0.3	0.3	0.3	0.213	2.0	2.0
144-801	800:5 *	C100	0.3	0.3	0.3	0.3	0.3	0.451	2.0	1.5
144-102	1,000:5 *	C200	0.3	0.3	0.3	0.3	0.3	0.563	2.0	1.5
144-122	1,200:5 *	C200	0.3	0.3	0.3	0.3	0.3	0.676	1.5	1.33



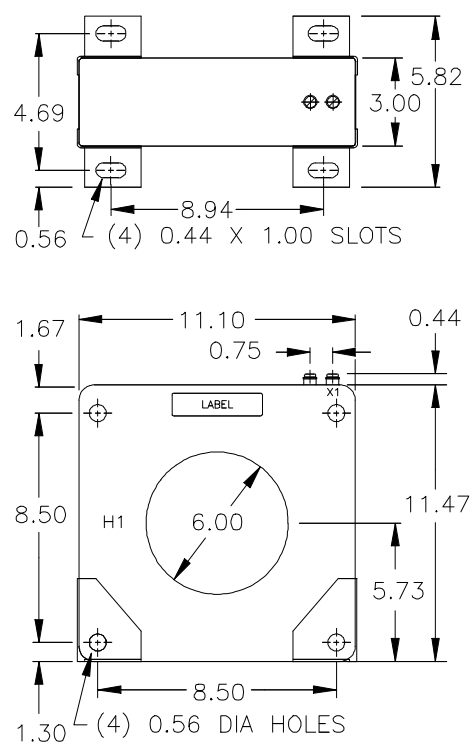
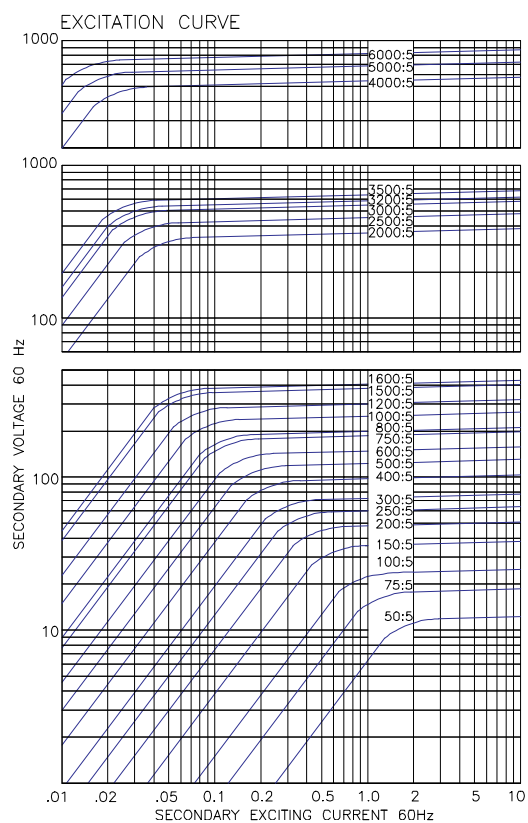
461 Boston Street, Unit E6, Topsfield, MA 01983
Toll Free (800) 644-9773 · Phone (978) 887-2020
meters@spectrumind.com

Model 144 (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
144-152	1,500:5 *	C200	0.3	0.3	0.3	0.3	0.3	0.845	1.5	1.0
144-162	1,600:5 *	C200	0.3	0.3	0.3	0.3	0.3	0.902	1.5	1.0
144-202	2,000:5 *	C200	0.3	0.3	0.3	0.3	0.3	1.002	1.5	1.0
144-252	2,500:5 *	C400	0.3	0.3	0.3	0.3	0.3	1.252	1.33	1.0
144-302	3,000:5 *	C400	0.3	0.3	0.3	0.3	0.3	1.503	1.0	0.8
144-322	3,200:5 *	C400	0.3	0.3	0.3	0.3	0.3	1.603	1.0	0.8
144-352	3,500:5 *	C200	0.3	0.3	0.3	0.3	0.3	1.592	1.0	0.8
144-402	4,000:5 *	C400	0.3	0.3	0.3	0.3	0.3	1.820	1.0	0.8
144-502	5,000:5 *	C400	0.3	0.3	0.3	0.3	0.3	2.275	1.0	0.6
144-602	6,000:5 *	C400	0.3	0.3	0.3	0.3	0.3	2.730	0.8	0.6

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

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