

CURRENT TRANSFORMERS

RELAY/METER CLASS CURRENT TRANSFORMER MODEL 143

FEATURES

- Relaying and Metering Applications
- High Relay Class Models
- UL Recognized
- Window I.D. - 7.31"

600V CLASS

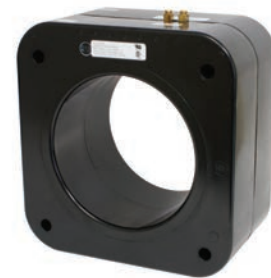


APPLICATIONS

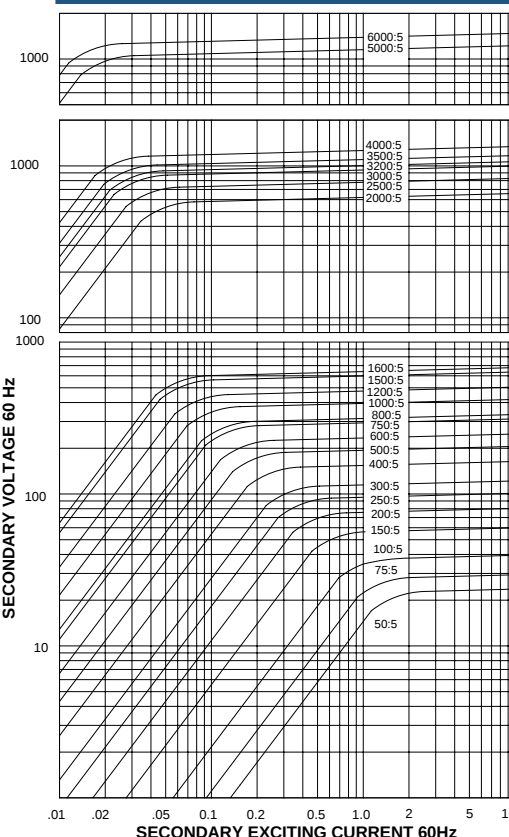
- Over or Under Current Relays
- Metering
- Ability to drive longer wire runs
- Zero-Sequence Ground Fault Relays

SPECIFICATIONS

Frequency..... 50-400Hz
 Insulation class..... 0.6kV, 10kV BIL Full Wave
 Secondary Terminals..... Brass Screws No. 10-32
 Weight Approximately 60 Lbs.
 Optional Mounting Bracket P/N 0221B00775
***Approved for Revenue Metering by Industry Canada AE-0642**
 Manufactured to meet the requirements of ANSI/IEEE C57.13

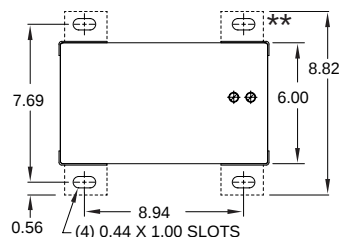
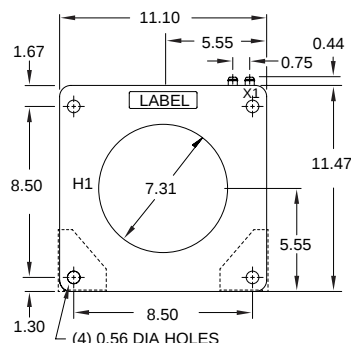


EXCITATION CURVE



APPLICATION AND ORDERING DATA										
CATALOG NUMBER	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 60Hz					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	1000:5*	C200	0.3	0.3	0.3	0.3	0.3	0.883	1.5	1.33
143-122	1200:5*	C400	0.3	0.3	0.3	0.3	0.3	1.059	1.5	1.0
143-152	1500:5*	C400	0.3	0.3	0.3	0.3	0.3	1.324	1.5	1.0
143-162	1600:5*	C400	0.3	0.3	0.3	0.3	0.3	1.413	1.33	1.0
143-202	2000:5*	C400	0.3	0.3	0.3	0.3	0.3	1.678	1.33	1.0
143-252	2500:5*	C400	0.3	0.3	0.3	0.3	0.3	2.097	1.0	0.8
143-302	3000:5*	C800	0.3	0.3	0.3	0.3	0.3	2.516	1.0	0.8
143-322	3200:5*	C800	0.3	0.3	0.3	0.3	0.3	2.684	1.0	0.8
143-352	3500:5*	C800	0.3	0.3	0.3	0.3	0.3	2.936	1.0	0.8
143-402	4000:5*	C800	0.3	0.3	0.3	0.3	0.3	3.355	1.0	0.6
143-502	5000:5*	C800	0.3	0.3	0.3	0.3	0.3	3.983	1.0	0.6
143-602	6000:5*	C800	0.3	0.3	0.3	0.3	0.3	4.780	0.8	0.6

DIMENSIONS



** Shown with optional mounting brackets: P/N #0221B00775

All Dimensions In Inches

FLEX-CORE®

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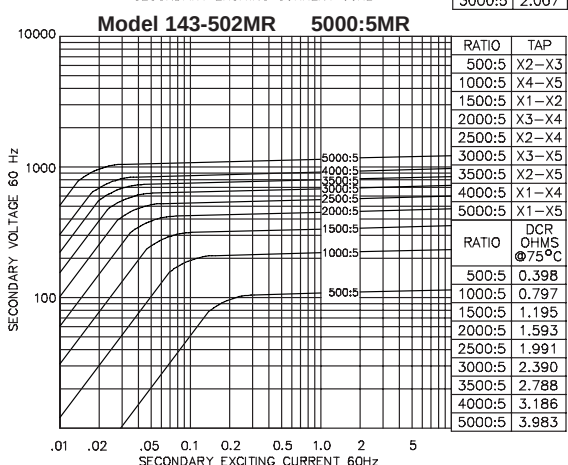
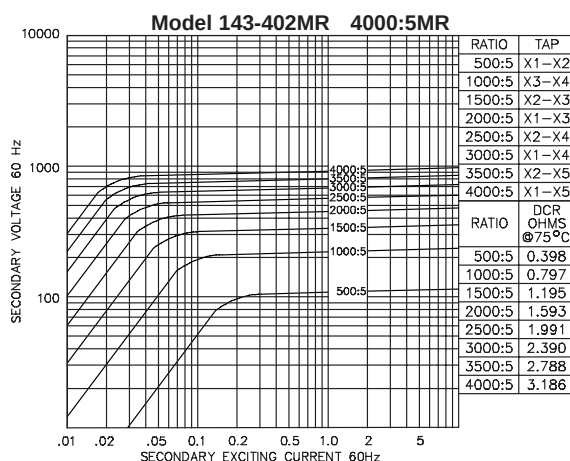
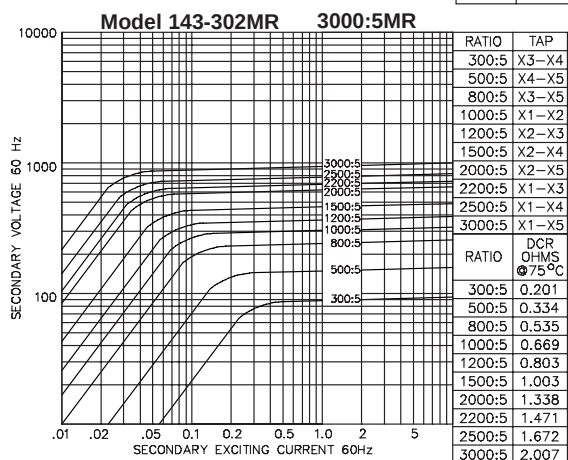
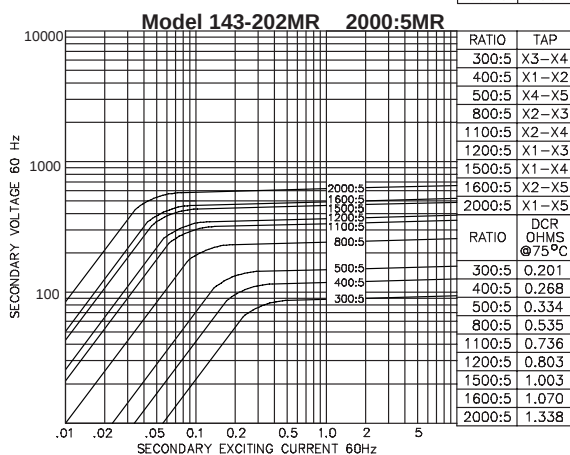
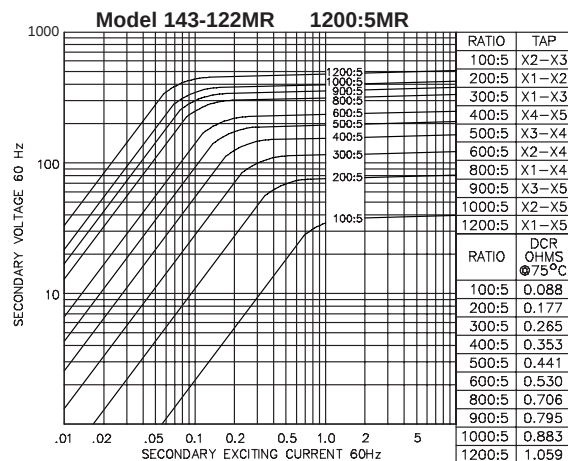
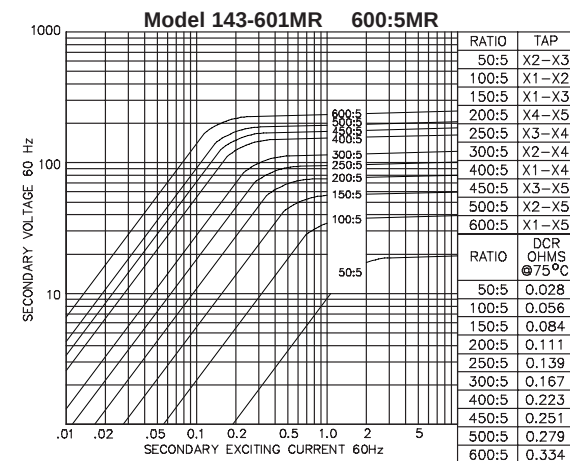
CURRENT TRANSFORMERS

RELAY CLASS CURRENT TRANSFORMERS

MODEL 143MR

MULTI-RATIO UNITS AVAILABLE IN THE 143 MODEL (143MR)													
CATALOG NUMBER	MULTIPLE CURRENT RATIOS										RELAY CLASS	CONTINUOUS THERMAL RATING FACTOR	
												@30°C	@55°C
	143-601MR	50:5	100:5	150:5	200:5	250:5	300:5	400:5	450:5	500:5		600:5	C200
143-122MR	100:5	200:5	300:5	400:5	500:5	600:5	800:5	900:5	1000:5	1200:5	C400	1.5	1.0
143-202MR	300:5	400:5	500:5	800:5	1100:5	1200:5	1500:5	1600:5	2000:5	-	C400	1.33	1.0
143-302MR	300:5	500:5	800:5	1000:5	1200:5	1500:5	2000:5	2200:5	2500:5	3000:5	C800	1.0	0.8
143-402MR	500:5	1000:5	1500:5	2000:5	2500:5	3000:5	3500:5	4000:5	-	-	C800	1.0	0.6
143-502MR	500:5	1000:5	1500:5	2000:5	2500:5	3000:5	3500:5	4000:5	5000:5	-	C800	1.0	0.6

EXCITATION CURVES



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