

MODEL 139

Current Transformer

Window Diameter 6.50"



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 0221B01528 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
139-500	50:5	C10	4.8	-	-	-	-	0.018	2.0	2.0
139-750	75:5	C10	2.4	4.8	-	-	-	0.027	2.0	2.0
139-101	100:5	C20	1.2	2.4	4.8	4.8	-	0.036	2.0	2.0
139-151	150:5	C20	0.6	1.2	2.4	2.4	4.8	0.053	2.0	2.0
139-201	200:5	C20	0.6	0.6	1.2	2.4	2.4	0.071	2.0	2.0
139-251	250:5	C50	0.3	0.6	1.2	1.2	2.4	0.089	2.0	2.0
139-301	300:5	C50	0.3	0.3	0.6	1.2	1.2	0.107	2.0	2.0
139-401	400:5	C50	0.3	0.3	0.3	0.6	1.2	0.142	2.0	2.0
139-501	500:5	C100	0.3	0.3	0.3	0.3	0.6	0.178	2.0	2.0
139-601	600:5	C100	0.3	0.3	0.3	0.3	0.6	0.214	2.0	2.0
139-751	750:5	C100	0.3	0.3	0.3	0.3	0.3	0.267	2.0	2.0
139-801	800:5	C100	0.3	0.3	0.3	0.3	0.3	0.285	2.0	2.0
139-102	1,000:5	C200	0.3	0.3	0.3	0.3	0.3	0.563	1.5	1.5
139-122	1,200:5	C200	0.3	0.3	0.3	0.3	0.3	0.676	1.5	1.33
139-152	1,500:5	C200	0.3	0.3	0.3	0.3	0.3	0.845	1.5	1.0



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			B0.1	B0.2	B0.5	B0.9	B1.8		@ 30°C	@ 55 °C
139-162	1,600:5	C200	0.3	0.3	0.3	0.3	0.3	0.901	1.5	1.0
139-202	2,000:5	C200	0.3	0.3	0.3	0.3	0.3	0.823	1.5	1.0
139-252	2,500:5	C200	0.3	0.3	0.3	0.3	0.3	1.029	1.5	1.0
139-302	3,000:5	C400	0.3	0.3	0.3	0.3	0.3	1.235	1.33	1.0
139-352	3,500:5	C200	0.3	0.3	0.3	0.3	0.3	1.352	1.0	1.0
139-402	4,000:5	C200	0.3	0.3	0.3	0.3	0.3	1.545	1.0	0.8
139-502	5,000:5	C400	0.3	0.3	0.3	0.3	0.3	3.025	1.0	0.8

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