

Current Transformer Model 510

Window Size 2.63" x 8.25"

REGULATORY AGENCY APPROVALS



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 Volts, 10 kV BIL full wave.

CONTINUOUS THERMAL CURRENT RATING FACTOR:

50:5-3000:5 1.33 at 30°C. amb., 1.0 at 55°C. amb.

3200:5 1.25 at 30°C. amb.

4000:5 1.0 at 30°C. amb.

5000:5 0.8 at 30°C. amb.

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

Cast resin construction.

Approximate weight 22 lbs.

CATALOG NUMBER	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 60HZ					SECONDARY WINDING RESISTANCE (OHMS @ 75°C)
			BO.1	BO.2	BO.5	BO.9	B1.8	
510-500	50:5	—	4.8	—	—	—	—	0.014
510-101	100:5	—	1.2	2.4	4.8	—	—	0.036
510-151	150:5	C10	1.2	1.2	2.4	4.8	—	0.051
510-201	200:5	C10	0.6	0.6	1.2	2.4	4.8	0.077
510-251	250:5	C20	0.6	0.6	1.2	2.4	4.8	0.096
510-301	300:5	C20	0.6	0.6	0.6	1.2	2.4	0.115
510-401	400:5	C20	0.3	0.3	0.6	1.2	1.2	0.166
510-501	500:5	C20	0.3	0.3	0.6	0.6	1.2	0.214
510-601	600:5	C20	0.3	0.3	0.3	0.6	1.2	0.257
510-751	750:5	C50	0.3	0.3	0.3	0.6	0.6	0.362
510-801	800:5	C50	0.3	0.3	0.3	0.6	0.6	0.386
510-102	1000:5	C50	0.3	0.3	0.3	0.6	0.6	0.386
510-122	1200:5	C50	0.3	0.3	0.3	0.3	0.6	0.482
510-152	1500:5	C50	0.3	0.3	0.3	0.3	0.3	0.723
510-162	1600:5	C100	0.3	0.3	0.3	0.3	0.3	0.771
510-202	2000:5	C100	0.3	0.3	0.3	0.3	0.3	0.964
510-252	2500:5	C200	0.3	0.3	0.3	0.3	0.3	1.256
510-302	3000:5	C200	0.3	0.3	0.3	0.3	0.3	1.200
510-322	3200:5	C200	0.3	0.3	0.3	0.3	0.3	1.607
510-402	4000:5	C200	0.3	0.3	0.3	0.3	0.3	1.928
510-502	5000:5	C200	0.3	0.3	0.3	0.3	0.3	2.410

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