

CURRENT TRANSFORMERS

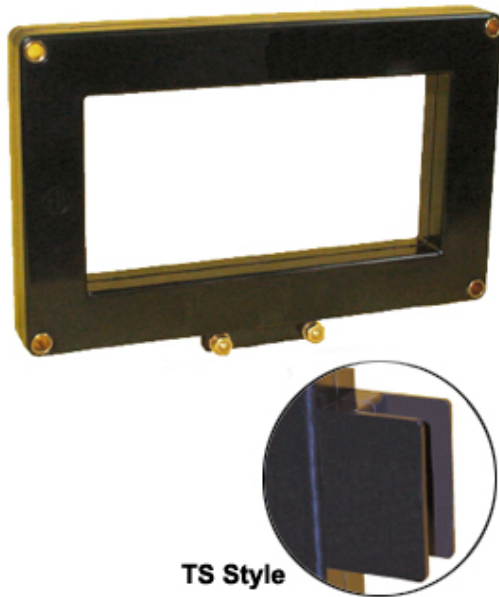
Model 510

Window Size 2.63" x 8.25"

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



TS Style

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 30oC. amb., 1.0 at 55oC. amb.

3200:5 1.25 at 30oC. amb.

4000:5 1.0 at 30oC. amb.

5000:5 0.8 at 30oC. amb.

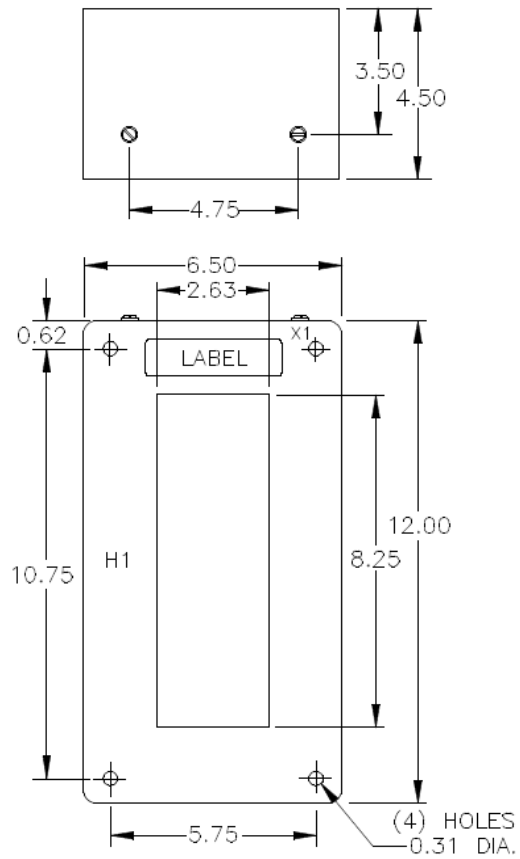
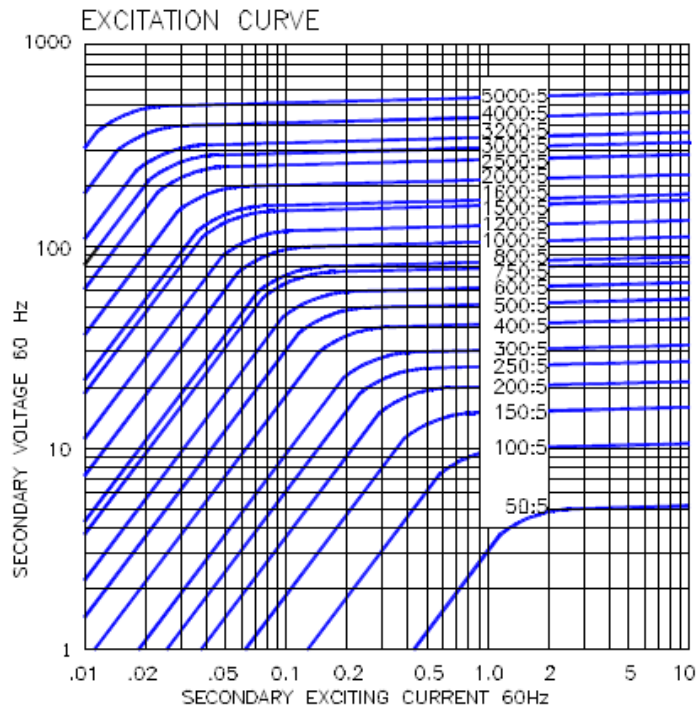
Terminals are brass screws No. 10-32 with one flatwasher and lockwasher.

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

Model 510



CURRENT TRANSFORMERS
Model RT2580



WINDOW SIZE: 2.50" x 8.00"

INSULATION CLASS:

0.6kV.BIL 10kV. Full wave

50-400 Hz

APPLICATION: For Relays, Ammeters, Watthour Meters, Wattmeters.

Fully Encapsulated.

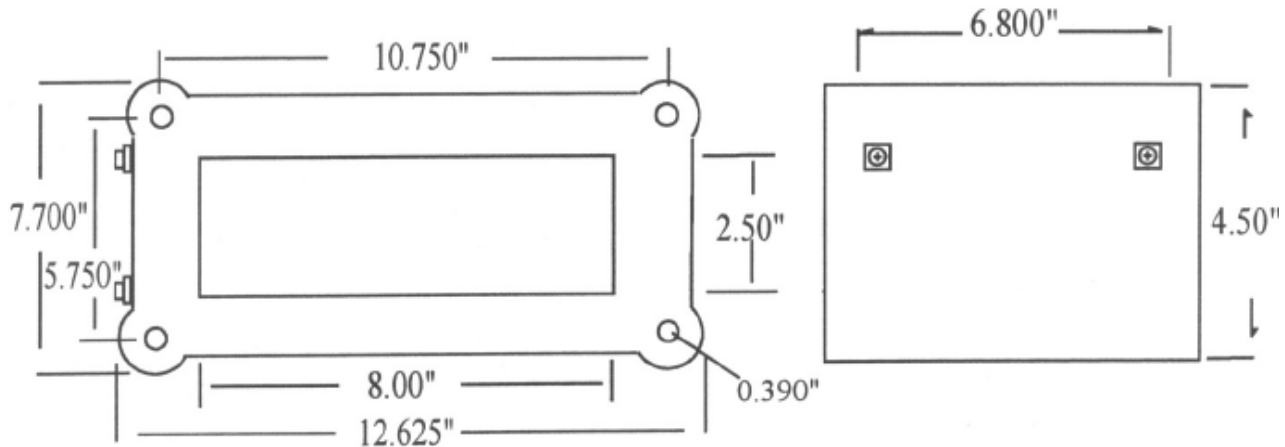
Indoor/outdoor applications

CONTINUOUS THERMAL RATING:

1.33 AT 30C. amb.; 1.0 AT 55 C. amb. Average.

Standard 5-amp secondary.

Others Available



Model RT2580-**

- **Terminals are brass. No 10-32 UNC**
- **Additional ratios available**
- **Approximate weight 25 lbs.**
- **Made in United States of America**

NOTE: 2400:5 and up has an Rf. Of 1 @ 30C. amb.

Similar to ITI Model 510

CATALOG NUMBER	CURRENT RATIO	RELAY CLASS	ANSI METERING CLASS AT 60 Hz				
			B0.1	B0.2	B0.5	B0.9	B1.8
**50	50:5	-	4.8	-	-	-	-
**100	100:5	-	1.2	2.4	4.8	-	-
**150	150:5	C10	1.2	1.2	2.4	4.8	-
**200	200:5	C10	0.6	0.6	1.2	2.4	4.8
**250	250:5	C20	0.6	0.6	0.6	1.2	2.4
**300	300:5	C20	0.6	0.6	0.6	1.2	2.4
**400	400:5	C20	0.3	0.3	0.6	1.2	1.2
**500	500:5	C20	0.3	0.3	0.3	0.6	1.2
**600	600:5	C50	0.3	0.3	0.3	0.3	0.6
**750	750:5	C50	0.3	0.3	0.3	0.3	0.6
**800	800:5	C50	0.3	0.3	0.3	0.3	0.3
**1000	1000:5	C50	0.3	0.3	0.3	0.3	0.3
**1200	1200:5	C50	0.3	0.3	0.3	0.3	0.3
**1500	1500:5	C100	0.3	0.3	0.3	0.3	0.3
**1600	1600:5	C100	0.3	0.3	0.3	0.3	0.3
**2000	2000:5	C100	0.3	0.3	0.3	0.3	0.3