

Current Transformer IEC Rated 50Hz Model 785I

Window Diameter 165mm

REGULATORY AGENCY APPROVALS



Manufactured to meet the requirements of ANSI/IEEE C57.13.
Classified by U.L. in accordance with IEC 44-1



APPLICATION:

Protective and measuring.

FREQUENCY:

50-400 Hz.

INSULATION LEVEL:

0.72kV

Secondary terminals are brass screws ASA 10-32 with one flatwasher and lockwasher, accessible from either side.

Approximate weight 26.4 kg

1 AMP SECONDARY

Catalog Number	Current Ratio	IEC 44-1 Protective Class at 50Hz					IEC 44-1 Measuring Class at 50Hz					Secondary Winding Resistance (ohms @ 75° C.)	Continuous Thermal Rating Factor @ 30 C
		Burden VA					Burden VA						
		2.5	5	10	15	30	2.5	5	10	15	30		
785I-500-1	50:1	10P20	10P10	-	-	-	3.0	3.0	-	-	-	0.249	1.0
785I-750-1	75:1	10P30	10P15	10P5	-	-	3.0	3.0	3.0	-	-	0.376	1.0
785I-101-1	100:1	5P30	10P20	10P10	10P5	-	1.0	1.0	3.0	3.0		0.51	1.0
785I-151-1	150:1	5P30	5P30	10P20	5P10	-	0.5	0.5	1.0	1.0	3.0	0.76	1.0
785I-201-1	200:1	5P30	5P30	5P20	5P15	5P5	0.5	0.5	0.5	1.0	1.0	1.02	1.0
785I-251-1	250:1	5P30	5P30	5P30	5P20	5P10	0.5	0.5	0.5	0.5	1.0	2.02	1.0
785I-301-1	300:1	5P30	5P30	5P30	10P25	10P10	0.2	0.5	0.5	0.5	1.0	2.42	1.0
785I-401-1	400:1	5P30	5P30	5P30	5P30	5P15	0.2	0.2	0.5	0.5	1.0	3.22	1.0
785I-501-1	500:1	5P30	5P30	5P30	5P30	10P20	0.2	0.2	0.2	0.2	0.5	6.39	1.0
785I-601-1	600:1	5P30	5P30	5P30	5P30	10P15	0.2	0.2	0.2	0.2	0.5	2.72	1.0
785I-751-1	750:1	5P30	5P30	5P30	5P30	5P20	0.2	0.2	0.2	0.2	0.2	4.28	1.0
785I-801-1	800:1	5P30	5P30	5P30	5P30	5P20	0.2	0.2	0.2	0.2	0.2	5.74	1.0
785I-102-1	1000:1	5P30	5P30	5P30	5P30	5P20	0.2	0.2	0.2	0.2	0.2	11.39	1.0
785I-122-1	1200:1	5P30	5P30	5P30	5P30	10P30	0.2	0.2	0.2	0.2	0.2	14.20	1.0
785I-152-1	1500:1	5P30	5P30	5P30	5P30	10P30	0.2	0.2	0.2	0.2	0.2	17.75	1.0
785I-162-1	1600:1	5P30	5P30	5P30	5P30	5P30	0.2	0.2	0.2	0.2	0.2	18.93	1.0
785I-202-1	2000:1	5P30	5P30	5P30	5P30	5P30	0.2	0.2	0.2	0.2	0.2	23.47	1.0
785I-252-1	2500:1	5P30	5P30	5P30	5P30	5P30	0.2	0.2	0.2	0.2	0.2	26.01	1.0
785I-302-1	3000:1	5P30	5P30	5P30	5P30	5P30	0.2	0.2	0.2	0.2	0.2	31.54	1.0
785I-322-1	3200:1	5P30	5P30	5P30	5P30	5P30	0.2	0.2	0.2	0.2	0.2	33.99	1.0
785I-352-1	3500:1	5P30	5P30	5P30	5P30	5P30	0.2	0.2	0.2	0.2	0.2	37.18	1.0
785I-402-1	4000:1	5P30	5P30	5P30	5P30	5P30	0.2	0.2	0.2	0.2	0.2	42.93	1.0

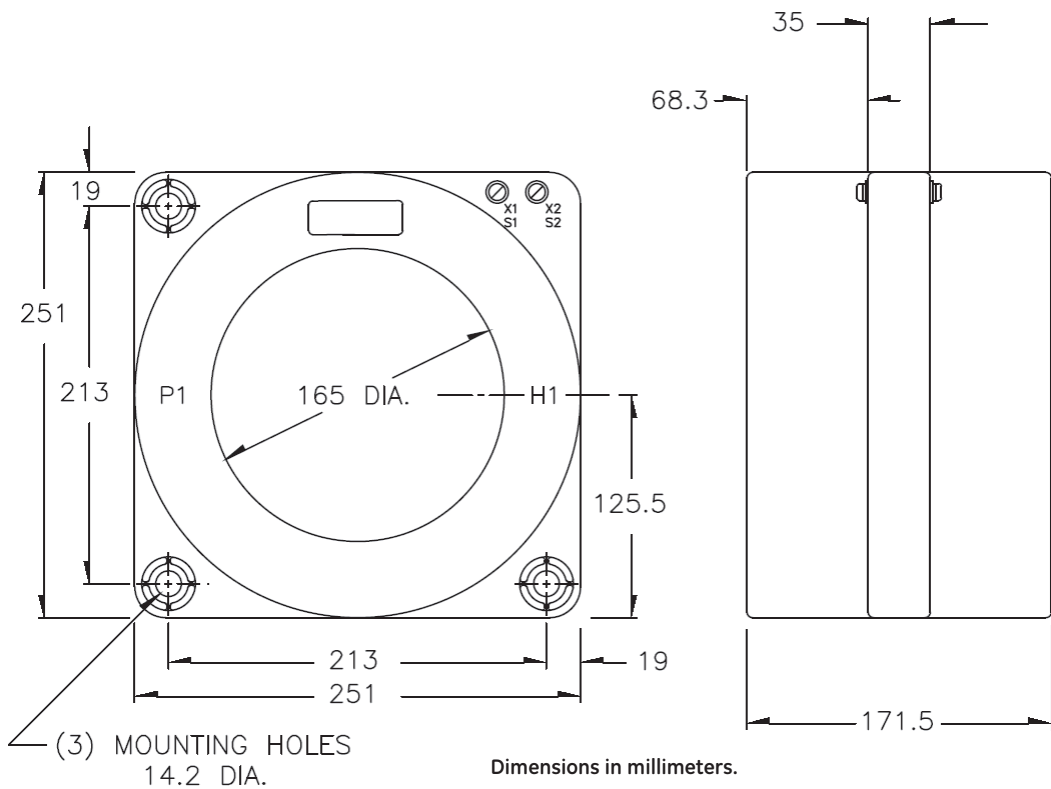
Note: Nameplate Ratings Bold Faced

Model 785I

5 AMP SECONDARY

Catalog Number	Current Ratio	IEC 44-1 Protective Class at 50Hz					IEC 44-1 Measuring Class at 50Hz					Secondary Winding Resistance (ohms @ 75° C.)	Continuous Thermal Rating Factor @ 30 C
		Burden VA					Burden VA						
		2.5	5	10	15	30	2.5	5	10	15	30		
785I-500-5	50:5	10P20	-	-	-	-	3.0		-	-	-	0.028	2.0
785I-750-5	75:5	10P20	10P05		-	-	3.0	3.0			-	0.043	2.0
785I-101-5	100:5	5P30	5P20	10P10	-	-	1.0	1.0	3.0	-	-	0.057	2.0
785I-151-5	150:5	5P30	5P30	5P15	10P10	10P5	0.5	1.0	1.0	3.0	3.0	0.087	2.0
785I-201-5	200:5	5P30	5P30	5P20	5P10	10P5	0.5	0.5	0.5	1.0	3.0	0.116	2.0
785I-251-5	250:5	5P30	5P30	5P30	5P20	5P10	0.5	0.5	0.5	0.5	1.0	0.146	2.0
785I-301-5	300:5	5P30	5P30	5P20	5P20	5P10	0.2	0.5	0.5	0.5	1.0	0.175	2.0
785I-401-5	400:5	5P30	5P30	5P30	5P20	5P10	0.2	0.5	0.5	0.5	1.0	0.233	2.0
785I-501-5	500:5	5P30	5P30	5P30	5P30	5P20	0.2	0.2	0.2	0.5	0.5	0.291	2.0
785I-601-5	600:5	5P30	5P30	5P30	5P30	5P20	0.2	0.2	0.2	0.2	0.5	0.349	2.0
785I-751-5	750:5	5P30	5P30	5P30	5P30	5P30	0.2	0.2	0.2	0.2	0.5	0.437	2.0
785I-801-5	800:5	5P30	5P30	5P30	5P30	5P30	0.2	0.2	0.2	0.2	0.2	0.466	2.0
785I-102-5	1000:5	5P30	5P30	5P30	5P30	5P30	0.2	0.2	0.2	0.2	0.2	0.582	2.0
785I-122-5	1200:5	5P30	5P30	5P30	5P30	5P30	0.2	0.2	0.2	0.2	0.2	0.699	2.0
785I-152-5	1500:5	5P30	5P30	5P30	5P30	5P30	0.2	0.2	0.2	0.2	0.2	1.100	1.5
785I-162-5	1600:5	5P30	5P30	5P30	5P30	5P30	0.2	0.2	0.2	0.2	0.2	1.174	1.5
785I-202-5	2000:5	5P30	5P30	5P30	5P30	5P30	0.2	0.2	0.2	0.2	0.2	1.068	1.5
785I-252-5	2500:5	5P30	5P30	5P30	5P30	5P30	0.2	0.2	0.2	0.2	0.2	1.335	1.5
785I-302-5	3000:5	5P30	5P30	5P30	5P30	5P30	0.2	0.2	0.2	0.2	0.2	2.014	1.33
785I-402-5	4000:5	5P30	5P30	5P30	5P30	5P30	0.2	0.2	0.2	0.2	0.2	1.955	1.0

Note: Nameplate Ratings Bold Faced



Dimensions in millimeters.