

MODELS 296I, 297I, 298I, 299I, 300I

Current Transformers

Window Diameters

38.1mm, 57.2mm, 76.2mm, 85.9mm, 95.3mm



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
 Approved for revenue metering by Industry Canada AE-0657

Application

Relaying and metering.

Frequency

50-400 Hz

Insulation Level

0.72 kV

Terminals are brass studs ASA 8-32 with one flatwasher, lockwasher and regular nut.

Order mounting bracket kit 0221B00259 separately.

Multi-ratios available on request

Excitation data available upon request.

Model 296I Window Diameter 38.1 mm

Approximate weight 8.2 kg

CATALOG NUMBER	CURRENT RATIO	IEC 60044-1 PROTECTION CLASS AT 50 Hz						IEC 60044-1 MEASURING CLASS AT 50 Hz				
		BURDEN VA						BURDEN VA				
		2.5	5	10	15	30	2.5	5	10	15	30	
296I-500	50:5	10P10	-	-	-	-	3.0	5.0	-	-	-	
296I-750	75:5	10P15	10P10	-	-	-	3.0	3.0	5.0	5.0	-	
296I-101	100:5	5P20	5P10	10P5	-	-	1.0	1.0	3.0	5.0	5.0	
296I-151	150:5	5P20	5P10	5P5	-	-	0.5	1.0	1.0	3.0	5.0	
296I-201	200:5	5P30	5P20	5P15	5P10	10P5	0.5	0.5	1.0	1.0	3.0	
296I-251	250:5	5P30	5P25	5P15	5P10	5P5	0.2	0.5	0.5	0.5	1.0	
296I-301	300:5	5P30	5P25	5P20	5P15	5P5	0.2	0.2	0.5	0.5	1.0	
296I-401	400:5	5P30	5P30	5P25	5P20	5P10	0.2	0.2	0.2	0.5	0.5	
296I-501	500:5	5P30	5P30	5P25	5P20	5P10	0.2	0.2	0.2	0.5	0.5	
296I-601	600:5	5P30	5P30	5P25	5P20	5P10	0.2	0.2	0.2	0.2	0.5	
296I-751	750:5	5P30	5P30	5P30	5P25	5P15	0.2	0.2	0.2	0.2	0.2	
296I-801	800:5	5P30	5P30	5P30	5P25	5P15	0.2	0.2	0.2	0.2	0.2	
296I-102	1,000:5	5P30	5P30	5P30	5P30	5P20	0.2	0.2	0.2	0.2	0.2	

Note: Nameplate Ratings Bold Faced



461 Boston Street, Unit E6, Topsfield, MA 01983
 Toll Free (800) 644-9773 · Phone (978) 887-2020
meters@spectrumind.com

Model 297I Window Diameter 57.2 mm

Approximate weight 6.8 kg

CATALOG NUMBER	CURRENT RATIO	IEC 60044-1 PROTECTION CLASS AT 50 Hz						IEC 60044-1 MEASURING CLASS AT 50 Hz				
		BURDEN VA						BURDEN VA				
		2.5	5	10	15	30	2.5	5	10	15	30	
297I-500	50:5	10P5	-	-	-	-	3.0	5.0	-	-	-	
297I-750	75:5	10P10	10P5	-	-	-	3.0	3.0	5.0	5.0	-	
297I-101	100:5	5P15	10P10	10P5	-	-	1.0	1.0	3.0	5.0	-	
297I-151	150:5	5P20	5P15	10P10	10P5	-	1.0	1.0	3.0	3.0	5.0	
297I-201	200:5	5P20	5P15	5P10	5P5	10P5	0.5	0.5	1.0	1.0	3.0	
297I-251	250:5	5P20	5P15	5P10	5P10	5P5	0.5	0.5	0.5	1.0	1.0	
297I-301	300:5	5P30	5P20	5P15	5P10	5P5	0.2	0.5	0.5	0.5	1.0	
297I-401	400:5	5P30	5P25	5P20	5P15	5P5	0.2	0.2	0.5	0.5	0.5	
297I-501	500:5	5P30	5P30	5P20	5P15	5P10	0.2	0.2	0.2	0.2	0.5	
297I-601	600:5	5P30	5P30	5P25	5P20	5P10	0.2	0.2	0.2	0.2	0.5	

Note: Nameplate Ratings Bold Faced

Model 298I Window Diameter 76.2 mm

Approximate weight 5.4 kg

CATALOG NUMBER	CURRENT RATIO	IEC 60044-1 PROTECTION CLASS 50 Hz						IEC 60044-1 MEASURING CLASS AT 50 Hz				
		BURDEN VA						BURDEN VA				
		2.5	5	10	15	30	2.5	5	10	15	30	
298I-500	50:5	10P5	-	-	-	-	3.0	-	-	-	-	
298I-750	75:5	10P5	-	-	-	-	3.0	5.0	-	-	-	
298I-101	100:5	5P10	10P5	-	-	-	1.0	3.0	5.0	-	-	
298I-151	150:5	5P15	5P10	10P5	-	-	0.5	1.0	3.0	5.0	-	
298I-201	200:5	5P15	5P10	5P5	10P5	-	0.5	0.5	1.0	3.0	5.0	
298I-251	250:5	5P20	5P15	5P5	5P5	-	0.5	0.5	1.0	1.0	3.0	
298I-301	300:5	5P20	5P15	5P10	5P5	-	0.2	0.5	1.0	1.0	3.0	
298I-401	400:5	5P25	5P20	5P15	5P10	5P5	0.2	0.5	0.5	0.5	1.0	
298I-501	500:5	5P25	5P20	5P15	5P10	5P5	0.2	0.2	0.5	0.5	0.5	
298I-601	600:5	5P30	5P25	5P20	5P15	5P5	0.2	0.2	0.2	0.5	0.5	
298I-751	750:5	5P30	5P30	5P25	5P20	5P10	0.2	0.2	0.2	0.2	0.5	
298I-801	800:5	5P30	5P30	5P25	5P20	5P10	0.2	0.2	0.2	0.2	0.2	

Note: Nameplate Ratings Bold Faced



Model 299I Window Diameter 85.9 mm

Approximate weight 4.5 kg

CATALOG NUMBER	CURRENT RATIO	IEC 60044-1 PROTECTION CLASS AT 50 Hz						IEC 60044-1 MEASURING CLASS AT 50 Hz				
		BURDEN VA						BURDEN VA				
		2.5	5	10	15	30	2.5	5	10	15	30	
299I-500	50:5	10P5	-	-	-	-	3.0	-	-	-	-	-
299I-750	75:5	10P5	-	-	-	-	3.0	5.0	-	-	-	-
299I-101	100:5	10P10	10P5	-	-	-	3.0	3.0	5.0	-	-	-
298I-151	150:5	5P10	10P5	10P5	-	-	1.0	3.0	3.0	5.0	-	-
298I-201	200:5	5P10	10P10	10P5	-	-	1.0	3.0	3.0	5.0	5.0	5.0
298I-251	250:5	5P15	5P10	10P5	10P5	-	1.0	1.0	3.0	3.0	5.0	5.0
298I-301	300:5	5P15	5P10	5P5	10P5	-	0.5	1.0	1.0	3.0	3.0	3.0
298I-401	400:5	5P20	5P15	5P10	10P5	-	0.5	0.5	1.0	1.0	3.0	3.0
298I-501	500:5	5P25	5P20	5P15	5P10	5P5	0.5	0.5	0.5	1.0	1.0	1.0
298I-601	600:5	5P25	5P20	5P15	5P10	5P5	0.2	0.5	0.5	1.0	1.0	1.0
298I-751	750:5	5P30	5P25	5P20	5P15	5P10	0.2	0.2	0.5	0.5	0.5	0.5
298I-801	800:5	5P30	5P25	5P20	5P12	5P10	0.2	0.2	0.2	0.5	0.5	0.5

Note: Nameplate Ratings Bold Faced

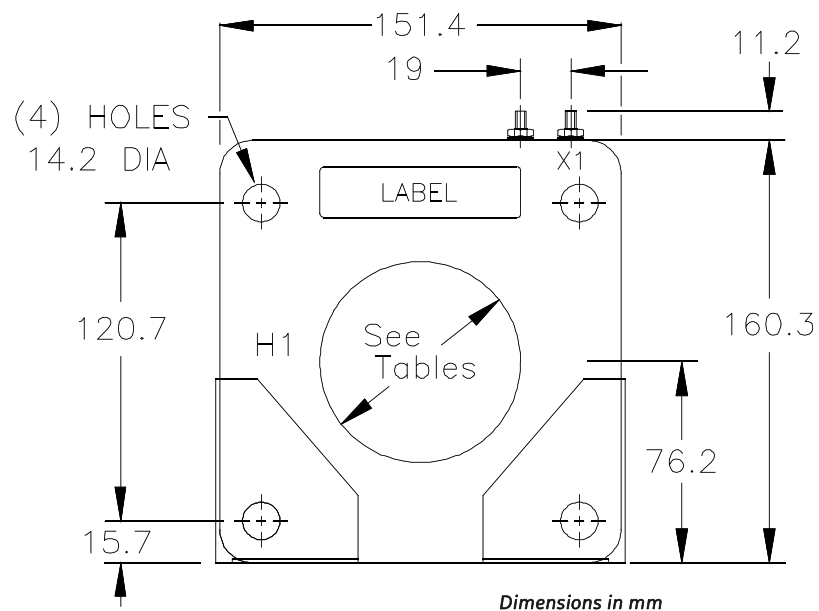
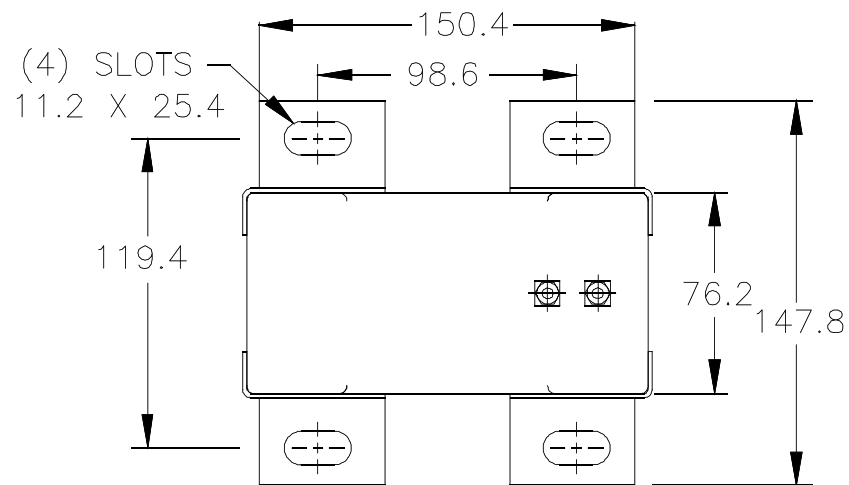
Model 300I Window Diameter 95.3 mm

Approximate weight 4.1 kg

CATALOG NUMBER	CURRENT RATIO	IEC 60044-1 PROTECTION CLASS 50 Hz						IEC 60044-1 MEASURING CLASS AT 50 Hz				
		BURDEN VA						BURDEN VA				
		2.5	5	10	15	30	2.5	5	10	15	30	
300I-500	50:5	10P5	-	-	-	-	3.0	-	-	-	-	-
300I-750	75:5	10P5	-	-	-	-	3.0	-	-	-	-	-
300I-101	100:5	10P5	-	-	-	-	3.0	5.0	-	-	-	-
300I-151	150:5	10P10	10P5	-	-	-	3.0	3.0	5.0	-	-	-
300I-201	200:5	5P10	10P5	10P5	-	-	1.0	3.0	3.0	5.0	-	-
300I-251	250:5	5P10	5P10	10P5	-	-	1.0	1.0	3.0	3.0	5.0	5.0
300I-301	300:5	5P10	5P10	5P5	10P5	-	1.0	1.0	1.0	3.0	5.0	5.0
300I-401	400:5	5P15	5P10	5P5	5P5	-	0.5	0.5	1.0	1.0	3.0	3.0
300I-501	500:5	5P15	5P15	5P10	5P5	-	0.5	0.5	0.5	1.0	3.0	3.0
300I-601	600:5	5P20	5P15	5P10	5P5	5P5	0.2	0.5	0.5	1.0	1.0	1.0
300I-751	750:5	5P20	5P20	5P15	5P10	5P5	0.2	0.2	0.5	0.5	1.0	1.0
300I-801	800:5	5P20	5P20	5P15	5P10	5P5	0.2	0.2	0.2	0.5	1.0	1.0
300I-102	1000:5	5P25	5P20	5P15	5P10	5P5	0.2	0.2	0.2	0.5	0.5	0.5
300I-122	1200:5	5P15	5P10	5P10	5P5	5P5	0.2	0.2	0.5	0.5	0.5	0.5
300I-152	1500:5	5P15	5P15	5P10	5P10	5P5	0.2	0.2	0.2	0.5	0.5	0.5



Models 296I, 297I, 298I, 299I, 300I



Dimensions in mm