



ASHT Current Transformer Series

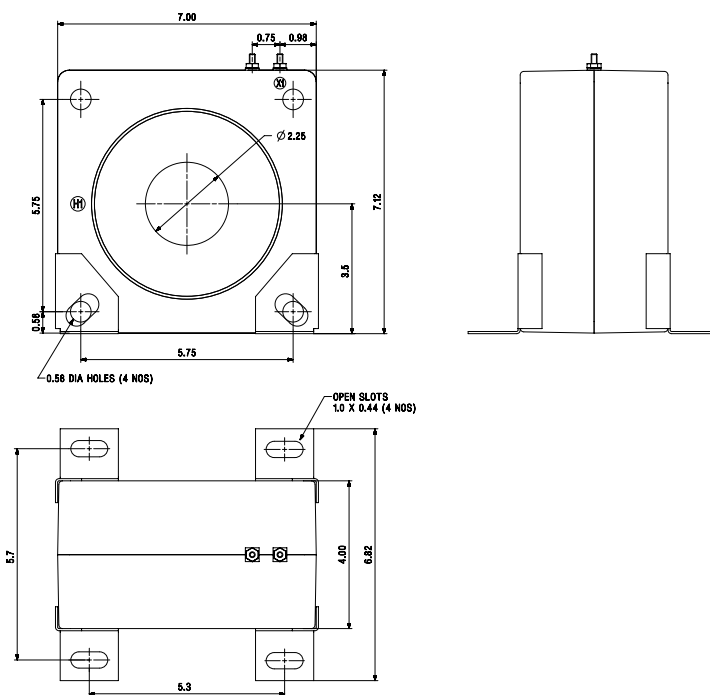
***112ASHT, 113ASHT, 114ASHT,
115ASHT, 117ASHT, 143ASHT***



Distributed by



CT112ASHT

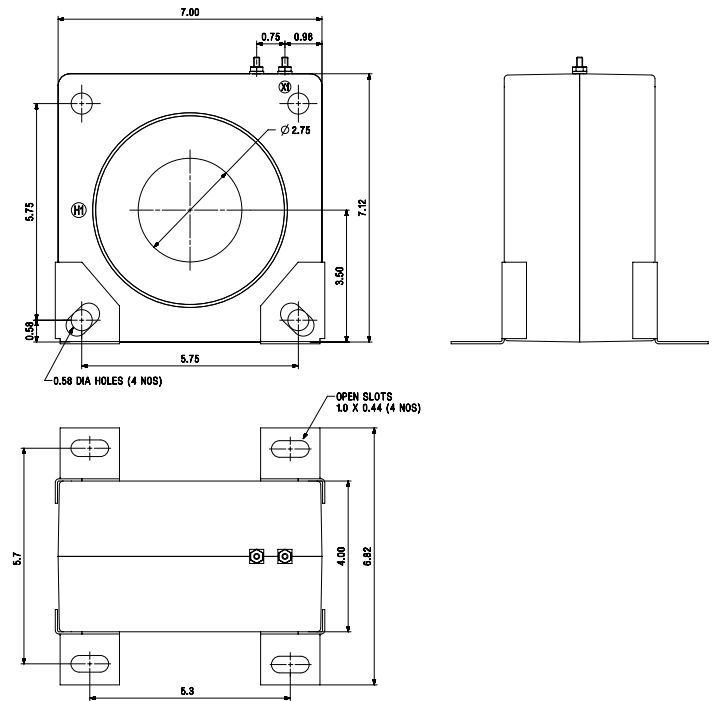
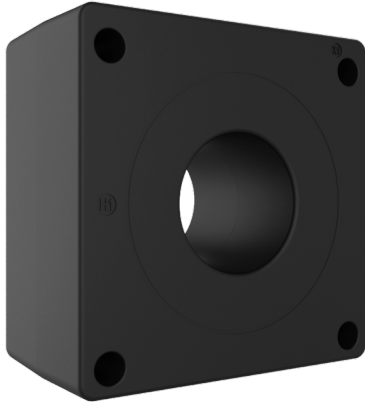


*All dimensions are in inches

Current Ratio	Relay Class	ANSI METERING CLASS @ 60HZ					SECONDARY WINDING RESISTANCE (OHMS @ 75°C)	Cont. Thermal RF	
		B0.1	B0.2	B0.5	B0.9	B1.8		@30°C	@55°C
50:5	C10	1.2	2.4	–	–	–	0.029	2.0	2.0
75:5	C10	0.6	1.2	2.4	4.8	–	0.046	2.0	2.0
100:5	C20	0.6	0.6	2.4	2.4	4.8	0.062	2.0	2.0
150:5	C20	0.3	0.6	1.2	1.2	2.4	0.093	2.0	2.0
200:5	C50	0.3	0.3	0.3	0.6	1.2	0.124	2.0	2.0
250:5	C50	0.3	0.3	0.3	0.3	0.6	0.155	2.0	2.0
300:5	C50	0.3	0.3	0.3	0.3	0.6	0.186	2.0	2.0
400:5	C100	0.3	0.3	0.3	0.3	0.3	0.248	2.0	1.5
500:5	C100	0.3	0.3	0.3	0.3	0.3	0.341	2.0	1.5
600:5	C100	0.3	0.3	0.3	0.3	0.3	0.409	1.5	1.33
750:5	C200	0.3	0.3	0.3	0.3	0.3	0.495	1.5	1.0
800:5	C200	0.3	0.3	0.3	0.3	0.3	0.529	1.5	1.0
1000:5	C200	0.3	0.3	0.3	0.3	0.3	0.661	1.33	1.0
1200:5	C200	0.3	0.3	0.3	0.3	0.3	0.793	1.33	1.0

Approximate weight: 25 lbs.

CT113ASHT

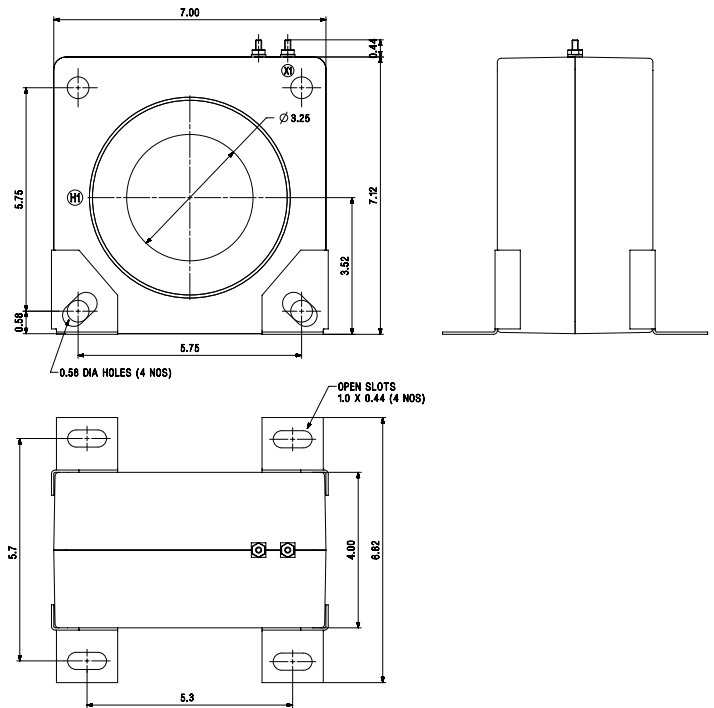
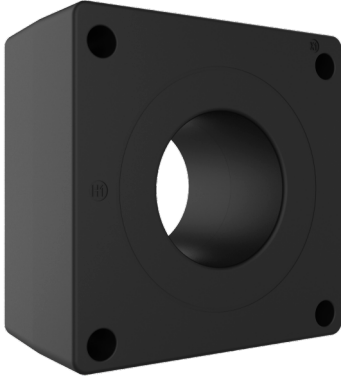


*All the mentioned dimensions are in inches

Current Ratio	Relay Class	ANSI METERING CLASS @ 60HZ					SECONDARY WINDING RESISTANCE (OHMS @ 75°C)	Cont. Thermal RF	
		B0.1	B0.2	B0.5	B0.9	B1.8		@30° C	@558° C
50:5	C10	2.4	4.8	-	-	-	0.033	2.0	2.0
75:5	C10	0.6	1.2	4.8	4.8	-	0.043	2.0	2.0
100:5	C20	0.6	0.6	2.4	2.4	4.8	0.059	2.0	2.0
150:5	C20	0.3	0.3	0.6	1.2	2.4	0.089	2.0	2.0
200:5	C20	0.3	0.3	0.6	0.6	1.2	0.118	2.0	2.0
250:5	C50	0.3	0.3	0.6	0.6	1.2	0.163	2.0	2.0
300:5	C50	0.3	0.3	0.3	0.6	1.2	0.195	2.0	2.0
400:5	C100	0.3	0.3	0.3	0.3	0.6	0.260	2.0	1.5
500:5	C100	0.3	0.3	0.3	0.3	0.3	0.325	2.0	1.5
600:5	C100	0.3	0.3	0.3	0.3	0.3	0.390	1.5	1.33
750:5	C200	0.3	0.3	0.3	0.3	0.3	0.488	1.5	1.0
800:5	C200	0.3	0.3	0.3	0.3	0.3	0.503	1.5	1.0
1000:5	C200	0.3	0.3	0.3	0.3	0.3	0.629	1.33	1.0
1200:5	C200	0.3	0.3	0.3	0.3	0.3	0.755	1.33	1.0
1500:5	C200	0.3	0.3	0.3	0.3	0.3	0.943	1.0	0.8

Approximate weight: 23 lbs.

CT114ASHT

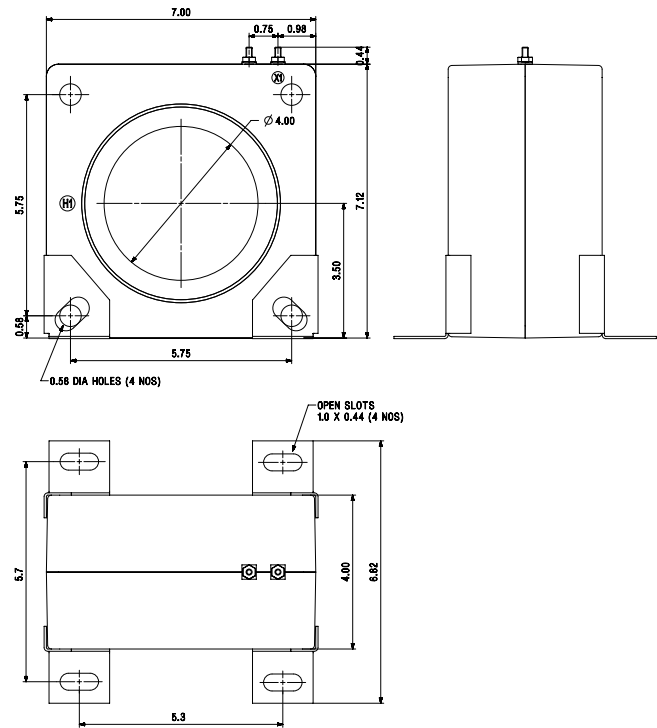
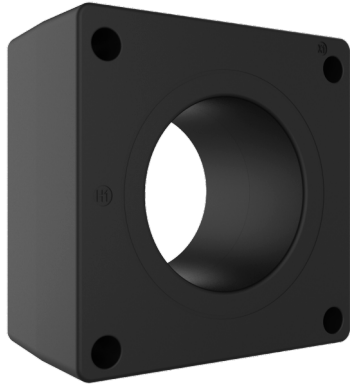


*All the mentioned dimensions are in inches

Current Ratio	Relay Class	ANSI METERING CLASS @ 60HZ					SECONDARY WINDING RESISTANCE (OHMS @ 75°C)	Cont. Thermal RF	
		B0.1	B0.2	B0.5	B0.9	B1.8		@30°C	@55°C
50:5	-	1.2	4.8	-	-	-	0.024	2.0	2.0
75:5	C10	1.2	2.4	4.8	-	-	0.040	2.0	2.0
100:5	C10	1.2	1.2	2.4	4.8	-	0.055	2.0	2.0
150:5	C20	0.6	0.6	1.2	2.4	4.8	0.082	2.0	2.0
200:5	C20	0.3	0.3	0.6	1.2	2.4	0.112	2.0	2.0
250:5	C50	0.3	0.3	0.6	1.2	1.2	0.141	2.0	2.0
300:5	C50	0.3	0.3	0.6	0.6	1.2	0.165	2.0	2.0
400:5	C100	0.3	0.3	0.3	0.3	0.6	0.220	2.0	1.5
500:5	C100	0.3	0.3	0.3	0.3	0.6	0.267	2.0	1.5
600:5	C100	0.3	0.3	0.3	0.3	0.3	0.371	1.5	1.33
750:5	C100	0.3	0.3	0.3	0.3	0.3	0.464	1.5	1.0
800:5	C100	0.3	0.3	0.3	0.3	0.3	0.495	1.5	1.0
1000:5	C100	0.3	0.3	0.3	0.3	0.3	0.597	1.5	1.0
1200:5	C200	0.3	0.3	0.3	0.3	0.3	0.716	1.33	1.0
1500:5	C200	0.3	0.3	0.3	0.3	0.3	0.896	1.0	0.8
1600:5	C200	0.3	0.3	0.3	0.3	0.3	0.955	1.0	0.8

Approximate weight: 22 lbs.

CT115ASHT

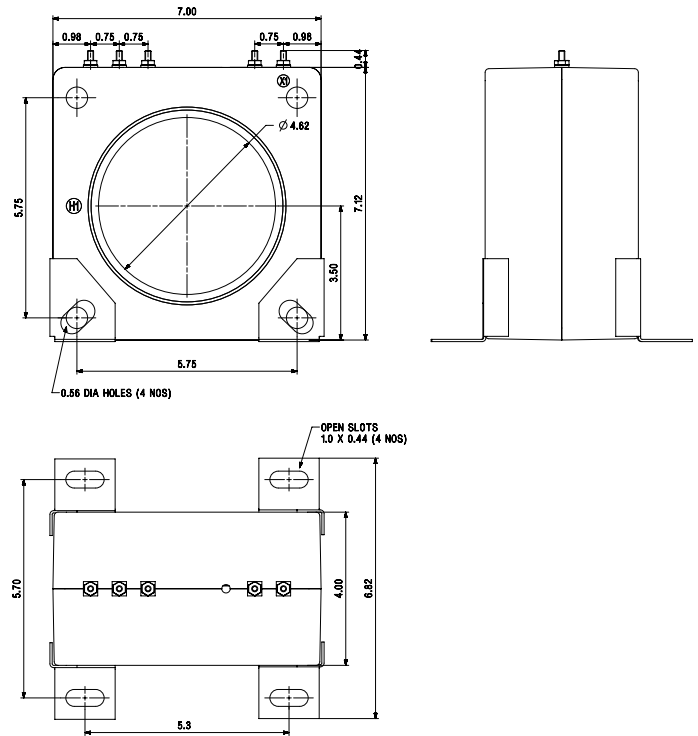


*All the mentioned dimensions are in inches

Current Ratio	Relay Class	ANSI METERING CLASS @ 60HZ					SECONDARY WINDING RESISTANCE (OHMS @ 75°C)	Cont. Thermal RF	
		B0.1	B0.2	B0.5	B0.9	B1.8		@30° C	@55° C
50:5	-	2.4	4.8	-	-	-	0.025	2.0	2.0
75:5	-	1.2	2.4	4.8	-	-	0.037	2.0	2.0
100:5	C10	1.2	1.2	2.4	4.8	-	0.046	2.0	2.0
150:5	C10	0.6	0.6	1.2	2.4	4.8	0.074	2.0	2.0
200:5	C20	0.3	0.3	0.6	1.2	2.4	0.099	2.0	2.0
250:5	C20	0.3	0.3	0.6	1.2	2.4	0.127	2.0	2.0
300:5	C20	0.3	0.3	0.3	0.6	1.2	0.148	2.0	2.0
400:5	C50	0.3	0.3	0.3	0.3	0.6	0.208	2.0	2.0
500:5	C50	0.3	0.3	0.3	0.3	0.3	0.247	2.0	1.5
600:5	C50	0.3	0.3	0.3	0.3	0.3	0.305	2.0	1.5
750:5	C100	0.3	0.3	0.3	0.3	0.3	0.428	1.5	1.33
800:5	C100	0.3	0.3	0.3	0.3	0.3	0.457	1.5	1.0
1000:5	C100	0.3	0.3	0.3	0.3	0.3	0.571	1.5	1.0
1200:5	C100	0.3	0.3	0.3	0.3	0.3	0.660	1.33	1.0
1500:5	C100	0.3	0.3	0.3	0.3	0.3	0.825	1.0	0.8
1600:5	C100	0.3	0.3	0.3	0.3	0.3	0.880	1.0	0.8
2000:5	C200	0.3	0.3	0.3	0.3	0.3	1.100	1.0	0.8
2500:5	C100	0.3	0.3	0.3	0.3	0.3	1.292	1.0	0.8
3000:5	C200	0.3	0.3	0.3	0.3	0.3	1.550	0.8	0.6
3200:5	C200	0.3	0.3	0.3	0.3	0.3	1.653	0.8	0.6

Approximate weight: 19 lbs.

CT117ASHT

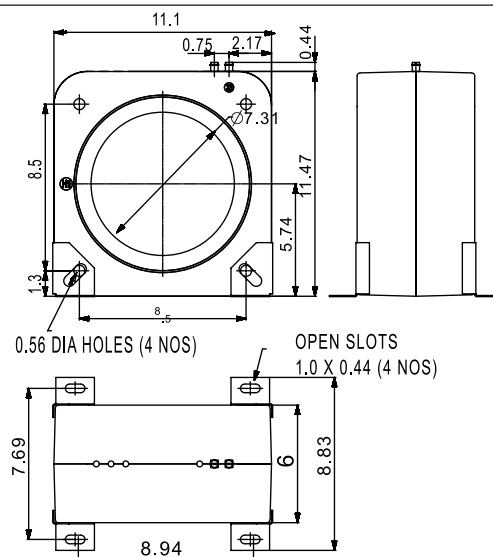
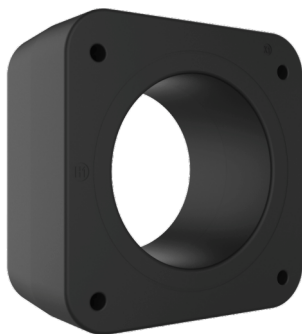


*All the mentioned dimensions are in inches

Current Ratio	Relay Class	ANSI METERING CLASS @ 60HZ					SECONDARY WINDING RESISTANCE (OHMS @ 75°C)	Cont. Thermal RF	
		B0.1	B0.2	B0.5	B0.9	B1.8		@30°C	@55°C
50:5	-	2.4	-	-	-	-	0.015	2.0	2.0
75:5	-	2.4	2.4	-	-	-	0.024	2.0	2.0
100:5	-	1.2	2.4	4.8	-	-	0.043	2.0	2.0
150:5	C10	0.6	0.6	2.4	4.8	4.8	0.069	2.0	2.0
200:5	C10	0.6	0.6	1.2	2.4	4.8	0.085	2.0	2.0
250:5	C20	0.6	0.6	0.6	1.2	2.4	0.106	2.0	2.0
300:5	C20	0.3	0.3	0.6	1.2	2.4	0.145	2.0	2.0
400:5	C20	0.3	0.3	0.3	0.6	1.2	0.184	2.0	2.0
500:5	C20	0.3	0.3	0.3	0.3	0.6	0.236	2.0	1.5
600:5	C20	0.3	0.3	0.3	0.3	0.6	0.283	2.0	1.5
750:5	C50	0.3	0.3	0.3	0.3	0.3	0.354	1.5	1.33
800:5	C50	0.3	0.3	0.3	0.3	0.3	0.425	1.5	1.33
1000:5	C50	0.3	0.3	0.3	0.3	0.3	0.531	1.5	1.0
1200:5	C100	0.3	0.3	0.3	0.3	0.3	0.637	1.33	1.0
1500:5	C50	0.3	0.3	0.3	0.3	0.3	0.768	1.33	1.0
1600:5	C50	0.3	0.3	0.3	0.3	0.3	0.819	1.0	0.8
2000:5	C50	0.3	0.3	0.3	0.3	0.3	1.024	1.0	0.6
2500:5	C100	0.3	0.3	0.3	0.3	0.3	1.279	1.0	0.6
3000:5	-	0.3	0.3	0.3	0.3	0.3	1.428	1.0	0.6
3200:5	-	0.3	0.3	0.3	0.3	0.3	1.523	1.0	0.6
4000:5	-	0.3	0.3	0.3	0.3	0.3	2.385	0.8	0.6

Approximate weight: 13 lbs.

CT143ASHT



*All the mentioned dimensions are in inches

Current Ratio	Relay Class	ANSI METERING CLASS @ 60HZ					SECONDARY WINDING RESISTANCE (OHMS @ 75°C)	Cont. Thermal RF	
		B0.1	B0.2	B0.5	B0.9	B1.8		@30°C	@55°C
50:5	C20	4.8	4.8	-	-	-	0.014	2.0	2.0
75:5	C20	2.4	2.4	-	-	-	0.042	2.0	2.0
100:5	C20	1.2	2.4	4.8	-	-	0.056	2.0	2.0
150:5	C20	0.6	0.6	1.2	4.8	4.8	0.121	2.0	2.0
200:5	C50	0.3	0.3	0.6	2.4	2.4	0.161	2.0	2.0
250:5	C50	0.3	0.3	0.6	1.2	2.4	0.175	2.0	2.0
300:5	C100	0.3	0.3	0.3	1.2	1.2	0.241	2.0	2.0
400:5	C100	0.3	0.3	0.3	0.6	0.6	0.322	2.0	2.0
500:5	C100	0.3	0.3	0.3	0.3	0.6	0.441	2.0	2.0
600:5	C200	0.3	0.3	0.3	0.3	0.3	0.530	2.0	1.5
750:5	C200	0.3	0.3	0.3	0.3	0.3	0.662	2.0	1.5
800:5	C200	0.3	0.3	0.3	0.3	0.3	0.706	2.0	1.5
1000:5	C200	0.3	0.3	0.3	0.3	0.3	0.883	1.5	1.33
1200:5	C400	0.3	0.3	0.3	0.3	0.3	1.059	1.5	1.0
1500:5	C400	0.3	0.3	0.3	0.3	0.3	1.324	1.5	1.0
1600:5	C400	0.3	0.3	0.3	0.3	0.3	1.413	1.33	1.0
2000:5	C400	0.3	0.3	0.3	0.3	0.3	1.678	1.33	1.0
2500:5	C400	0.3	0.3	0.3	0.3	0.3	2.097	1.0	0.8
3000:5	C800	0.3	0.3	0.3	0.3	0.3	2.516	1.0	0.8
3200:5	C800	0.3	0.3	0.3	0.3	0.3	2.684	1.0	0.8
3500:5	C800	0.3	0.3	0.3	0.3	0.3	2.936	1.0	0.8
4000:5	C800	0.3	0.3	0.3	0.3	0.3	3.353	1.0	0.6
5000:5	C800	0.3	0.3	0.3	0.3	0.3	3.983	1.0	0.6
6000:5	C800	0.3	0.3	0.3	0.3	0.3	4.780	0.8	0.6

Approximate weight: 60 lbs.

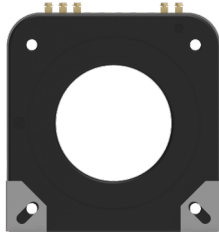
Specifications

- FREQUENCY : 50 -400 Hz
- INSULATION LEVEL : 600 Volts. 10kV BIL. full wave
- WINDOW : 2.25", 2.75", 3.25", 4.00", 4.62, 7.31"
- APPROXIMATE WEIGHT : 25, 23, 22, 19, 13, 60lbs respectively
- CONNECTIONS :
 - Terminals are brass studs No. 8–32 UNC with one flat washer, lock washer, and regular nut
 - Multi-ratios available upon request
 - Mounting kit (upon request)

Application

- APPLICATION: Relaying & Metering

Product Mounting Kit

Sr No	Model Name	Part Number	Actual Product
1	CT112- CT117	XH12-0A00-0001	
	143ASHT	X41H-0A00-0001	