Current Transformer Technologies LTD

Current Transformer

Model 7A
rev 08182026

7ASHT

7ASFT

CERTIFICATIONS:

E228202

223647

ISO 9001
QUALITY MANAGEMENT

APPLICATION:
Ammeters and wattmeters

FREQUENCY:
50-400 Hz.

INSULATION LEVEL:
600 Volts. 10 kV BIL. full wave

WINDOW DIAMETER:
2.50”

APPROXIMATE WEIGHT:
1.5 lbs.

CONNECTIONS:
Terminals are brass studs No. 8-32 with one flat washer, lockwasher, and regular nut
Flexible leads are UL 1015 105° C, CSA approved, #16 AWG, 24” long
Non-standard, lead length can be specified
Order Mounting Bracket Kit # 7SHT-KIT separately for model 7ASHT
Model 7ASHT and model 7ASFT also available as 7ASHL and 7ASFL with leads

Model	7ASHT	7ASFT	7ARL
Window Size	2.50	2.50	2.50
Width	4.56	4.56	4.60
Height	4.88	4.71	4.60
Depth	1.10	2.13	1.10

MODEL 7A
Window Diameter 2.50”
Approximate weight: 1.5 lbs.

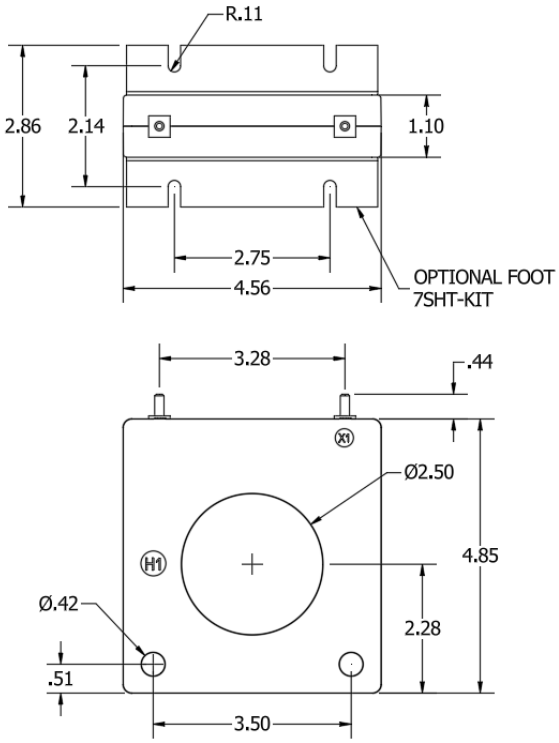
CATALOG NUMBER	CURRENT RATIO	V.A. ± 1% CLASS	ANSI METERING CLASS AT 60 HZ					SECONDARY WINDING RESISTANCE (OHMS @ 75°C)	CONTINUOUS THERMAL RATING FACTOR	
			B0.1	B0.2	B0.5	BO.9	B1.8		@ 30°C	@ 55°C
7A**--101	100:5	1.0	2.4	4.8	-	-	-	0.014	2.0	2.0
7A**--151	150:5	2.5	1.2	2.4	4.8	4.8	-	0.025	2.0	2.0
7A**--201	200:5	5.0	0.6	1.2	2.4	4.8	4.8	0.035	2.0	2.0
7A**--251	250:5	7.5	0.3	0.6	1.2	2.4	4.8	0.043	2.0	2.0
7A**--301	300:5	12.5	0.3	0.6	1.2	2.4	2.4	0.052	2.0	1.5
7A**--401	400:5	15.0	0.3	0.3	0.6	1.2	2.4	0.069	2.0	1.5
7A**--501	500:5	25.0	0.3	0.3	0.6	1.2	1.2	0.108	1.5	1.0
7A**--601	600:5	30.0	0.3	0.3	0.6	0.6	1.2	0.130	1.5	1.0
7A**--751	750:5	30.0	0.3	0.3	0.3	0.6	0.6	0.163	1.33	1.0
7A**--801	800:5	35.0	0.3	0.3	0.3	0.6	0.6	0.173	1.33	1.0
7A**--102	1000:5	35.0	0.3	0.3	0.3	0.6	0.6	0.157	1.33	1.0
7A**--122	1200:5	40.0	0.3	0.3	0.3	0.3	0.6	0.234	1.0	1.0
7A**--152	1500:5	50.0	0.3	0.3	0.3	0.3	0.6	0.292	1.0	0.8
7A**--162	1600:5	50.0	0.3	0.3	0.3	0.3	0.6	0.312	1.0	0.8

**NOTE: When ordering, prefix Cat. No. with model designation required i.e. 7ASHT-201, 7ARL-301, etc.

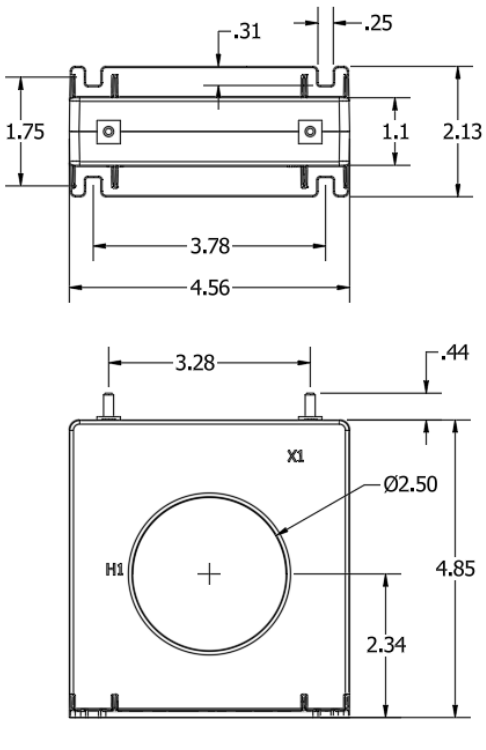
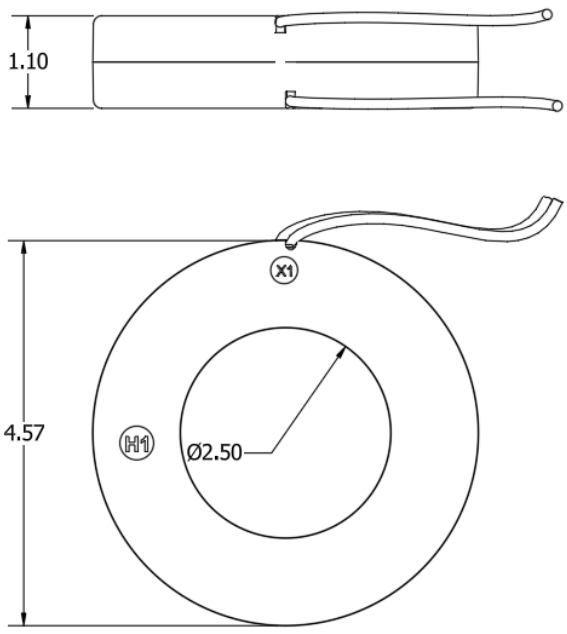
All ratios are also available in 1 amp secondary versions. Add -1 at the end of the part #. Example: 7ASHT-101-1 is 100:1 amp.

Products are manufactured in a plant whose quality management system has been certified to be in compliance with ISO 9001:2015 by NQA

MODEL 7ASHT



MODEL 7ASFT



MODEL 7ARL