

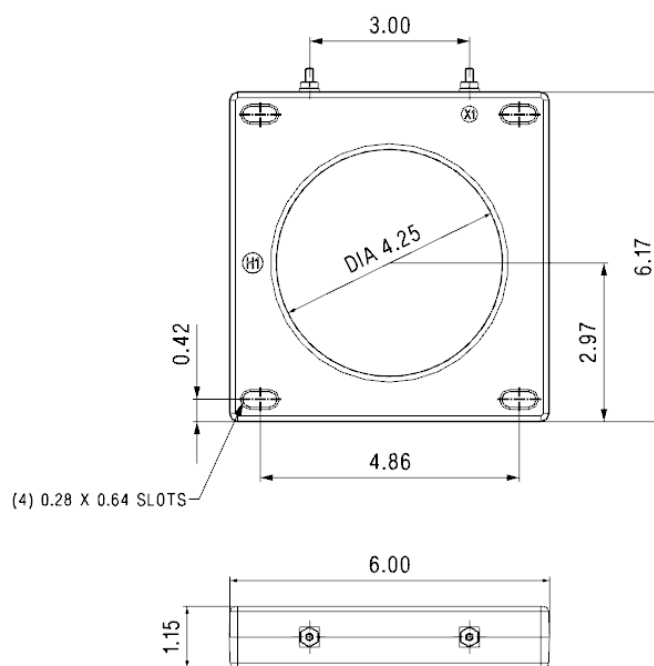


Technical Data Sheet

Omega ANSI Current Transformer Series



*Omega 30
Model 19SHT*



*All the mentioned dimensions are in inches

CURRENT RATIO	V.A. FOR $\pm 1\%$ CLASS	ANSI METERING CLASS AT 60 HZ					SECONDARY WINDING RESISTANCE (OHMS @ 75° C)	CONTINUOUS RATING FACTOR	
		B0.1	B0.2	B0.5	B0.9	B1.8		@ 30° C	@ 55° C
300:5	4	0.6	1.2	2.4	-	-	0.070	2	2
400:5	10	0.3	0.6	1.2	-	-	0.094	2	2
500:5	15	0.3	0.6	1.2	-	-	0.122	2	1.5
600:5	15	0.3	0.3	0.6	1.2	-	0.155	2	1.5
700:5	25	0.3	0.3	0.6	0.6	-	0.182	1.5	1.33
800:5	30	0.3	0.3	0.6	0.6	-	0.266	1.5	1.33
1000:5	30	0.3	0.3	0.6	0.6	-	0.358	1.33	1
1200:5	40	0.3	0.3	0.3	0.6	-	0.419	1.33	1
1500:5	15	0.3	0.3	0.6	1.2	-	0.406	1.5	1
1600:5	15	0.3	0.3	0.3	0.6	-	0.434	1.5	1
2000:5	20	0.3	0.3	0.3	0.6	-	0.532	1.33	1
2500:5	20	0.3	0.3	0.3	0.3	-	0.700	1	0.8
3000:5	25	0.3	0.3	0.3	0.3	-	0.840	1	0.8

Specification

- Applicable Standard : ANSI/IEEE C57.13
Case : 10% glass filled polycarbonate, flame retardant grades classified UL 94V-0.
- Frequency : 50-400 Hz.
- Insulation Level : 10KV BIL full wave.
- Flexible leads are UL 1015, 105°C 16AWG.
- Non-standard length to be specified.
- For all the SHT & SFT types terminals are brass studs No. 8-32 with one flat washer, lock washer & regular nut
- All the SHT & SFT models also available as SHL & SFL with leads
- For all the SHT types- mounting bracket kit can be provided when required

Application

- Use for measurement purposes in conjunction with ammeters, wattmeters, etc.
- Also applicable for cross current compensation.



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Product Part No. Table

CT Description	Part No
19SHT 300/5A 4VA 1% ST	19SHT 301
19SHT 400/5A 10VA 1% ST	19SHT 401
19SHT 500/5A 15VA 1% ST	19SHT 501
19SHT 600/5A 15VA 1% ST	19SHT 601
19SHT 700/5A 25VA 1% ST	19SHT 701
19SHT 800/5A 30VA 1% ST	19SHT 801
19SHT 1000/5A 30VA 1% ST	19SHT 102
19SHT 1200/5A 40VA 1% ST	19SHT 122
19SHT 1500/5A 15VA 1% ST	19SHT 152
19SHT 1600/5A 15VA 1% ST	19SHT 162
19SHT 2000/5A 20VA 1% ST	19SHT 202
19SHT 2500/5A 20VA 1% ST	19SHT 252
19SHT 3000/5A 25VA 1% ST	19SHT 302
19SHT 4000/5A 25VA 1% ST	19SHT 402