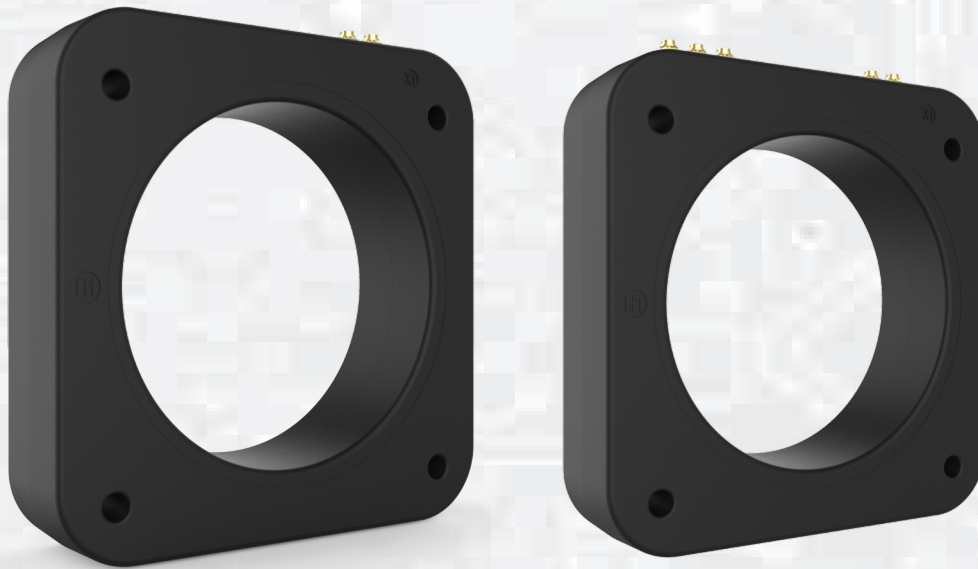




Technical Data Sheet

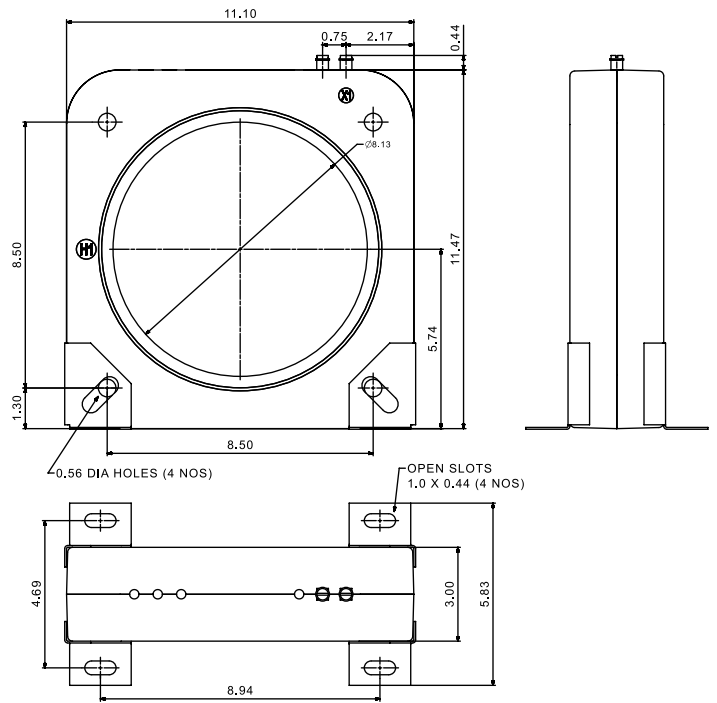
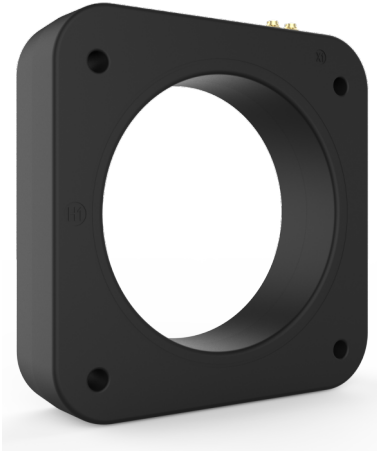
*Omega ANSI
Current Transformer Series*



*Omega 30
140ASHT, 140AMR*

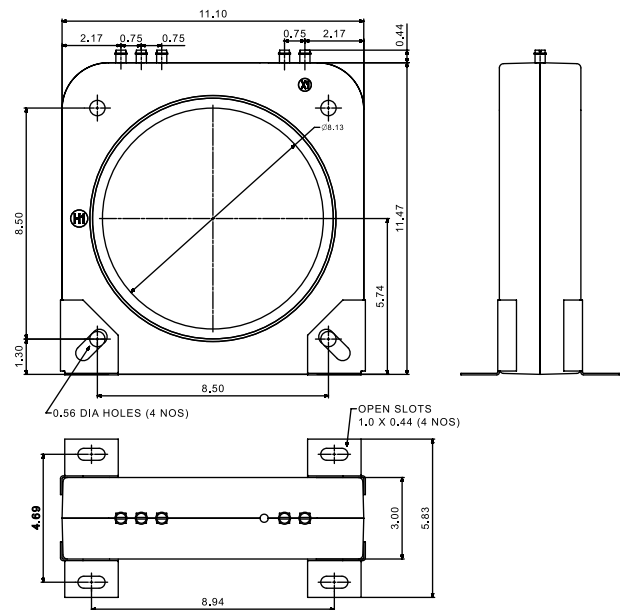


Omega 30 - 140ASHT



*All the mentioned dimensions are in inches

Omega 30 - 140AMR



*All the mentioned dimensions are in inches

Omega 30 - 140ASHT

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	-	-	-	-	-	-	0.022	2.0	2.0
100:5	-	2.4	4.8	-	-	-	0.043	2.0	2.0
200:5	C10	1.2	1.2	2.4	4.8	-	0.088	2.0	2.0
250:5	C20	1.2	1.2	2.4	2.4	4.8	0.110	2.0	2.0
300:5	C20	0.6	1.2	1.2	2.4	2.4	0.131	2.0	2.0
400:5	C20	0.3	0.3	0.6	1.2	2.4	0.150	2.0	2.0
500:5	C20	0.3	0.3	0.6	1.2	1.2	0.216	2.0	2.0
600:5	C50	0.3	0.3	0.3	0.6	1.2	0.276	2.0	2.0
800:5	C50	0.3	0.3	0.3	0.3	0.6	0.351	2.0	2.0
1000:5	C50	0.3	0.3	0.3	0.3	0.6	0.432	2.0	1.5
1200:5	C100	0.3	0.3	0.3	0.3	0.3	0.529	1.5	1.5
1500:5	C100	0.3	0.3	0.3	0.3	0.3	0.657	1.5	1.0
2000:5	C100	0.3	0.3	0.3	0.3	0.3	0.865	1.33	1.0
2500:5	C100	0.3	0.3	0.3	0.3	0.3	1.009	1.33	1.0
3000:5	C100	0.3	0.3	0.3	0.3	0.3	1.211	1.0	0.8
4000:5	C100	0.3	0.3	0.3	0.3	0.3	1.614	1.0	0.8
5000:5	C50	0.3	0.3	0.3	0.3	0.3	1.836	1.0	0.8
6000:5	C100	0.3	0.3	0.3	0.3	0.3	2.203	1.0	0.6

Specification

- Frequency : 50-400 Hz.
- Insulation Level : 600 Volts. 10kV BIL. full wave
- WINDOW : 8.31"
- APROXIMATE WEIGHT : 22 lbs

CONNECTIONS :

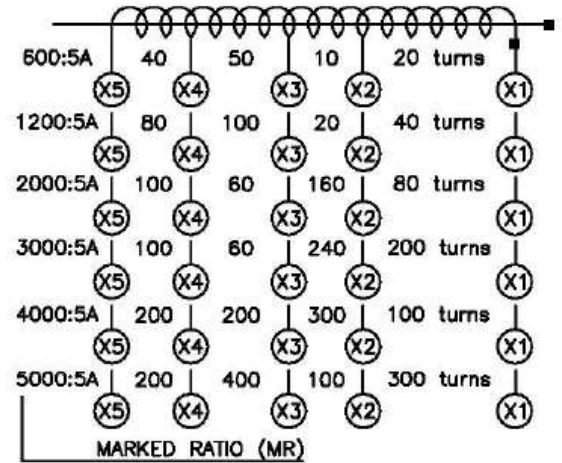
- Terminals are brass connections No. 10-32 UNF with one flat washer, lockwasher, and regular nut
- Multi-ratios available upon request
- Mounting kit (On Request)

Application

- Relaying & Metering

Omega 30 - 140AMR

Current Ratio	Relay class	Cont. Thermal RF	
		@30 °C	@50 °C
600:5	C50	2.0	2.0
1200:5	C100	1.5	1.5
2000:5	C100	1.33	1.0
3000:5	C100	1.0	0.8
4000:5	C100	1.0	0.8
5000:5	C50	1.0	0.8



Specification

- Frequency : 50-400 Hz.
- Insulation Level : 600 Volts. 10kV BIL. full wave
- WINDOW : 8.31"
- APROXIMATE WEIGHT : 22 lbs

CONNECTIONS :

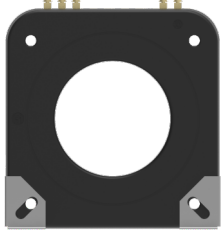
- Terminals are brass studs No. 10-32 UNF with one flat washer, lockwasher, and regular nut

Application

- Relaying & Metering

Omega 30 - 140ASHT, 140AMR

Product Mounting Kit

Sr No	Model Name	Item Code	Actual Product
1	140, 140MR	X40H-0A00-0001	

Sifam Tinsley Instrumentation Inc.

Address: 2105 Barrett Park Dr, Unit 105, Kennesaw, GA 30144

Tel.: 800-879-6171 | **E-mail:** info@sifamtinsley.com | **Web:** www.sifamtinsley.com
