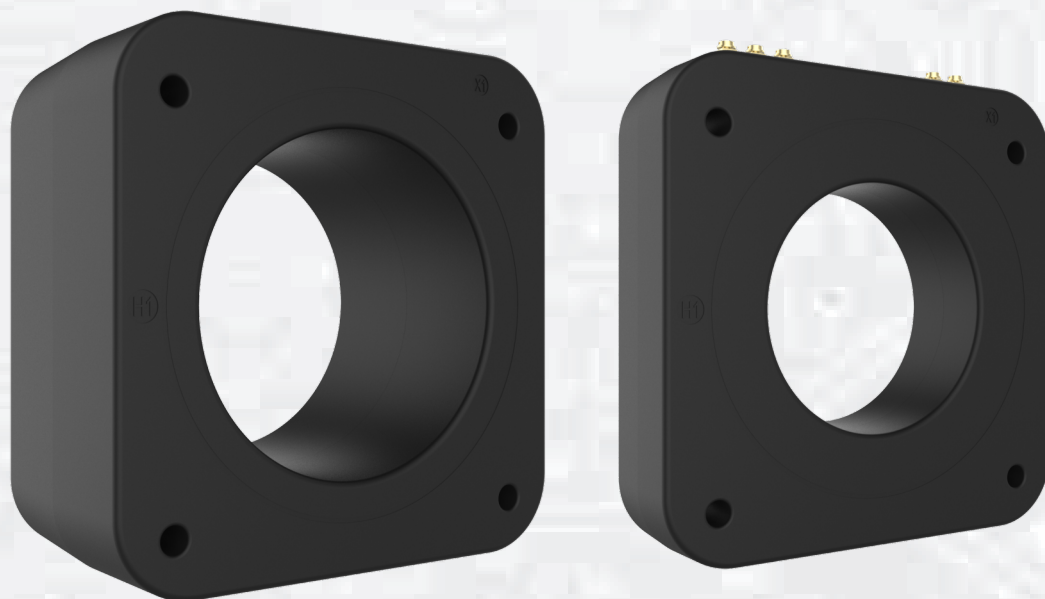




Technical Data Sheet

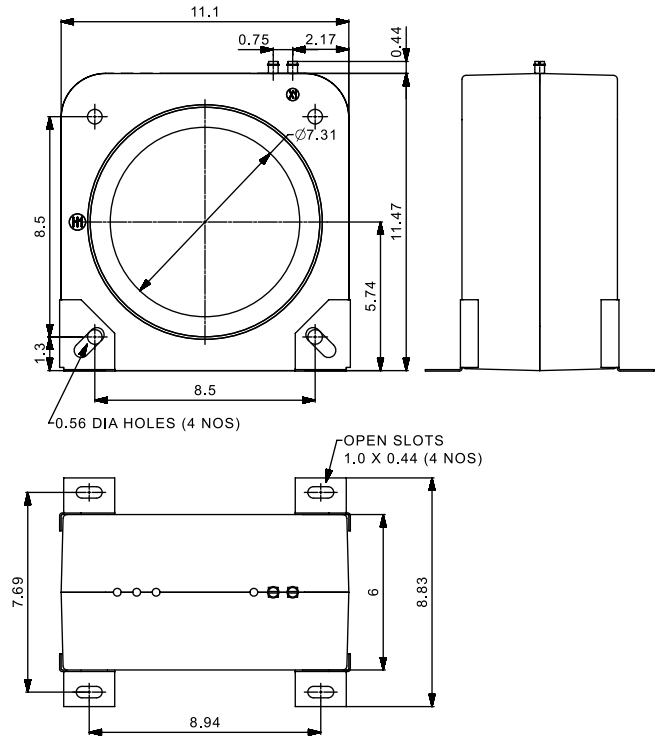
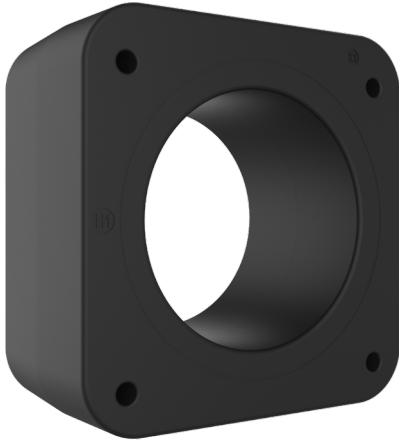
Omega ANSI Current Transformer Series



*Omega 30
143ASHT, 143AMR*

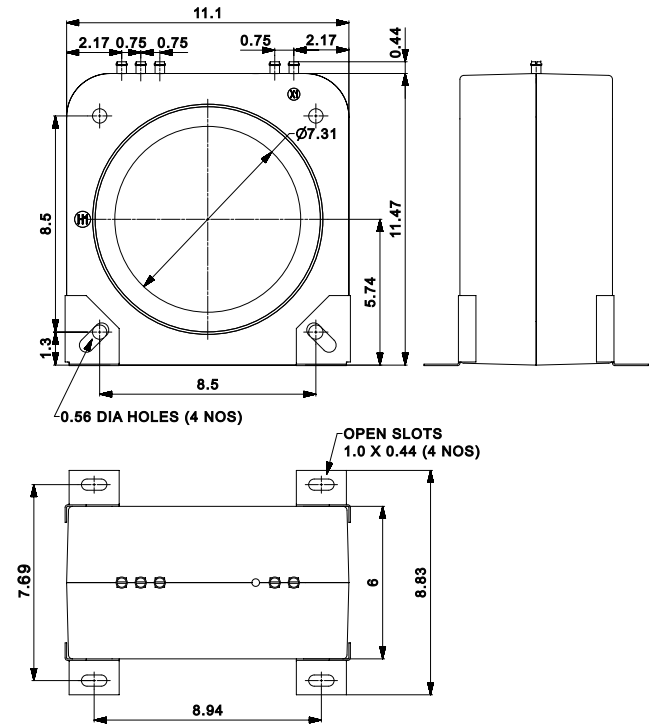
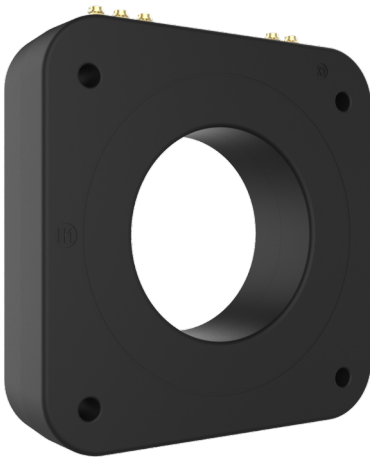


Omega 30 - 143ASHT



*All the mentioned dimensions are in inches

Omega 30 - 143AMR



*All the mentioned dimensions are in inches

Omega 30 - 143ASHT

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

Specification

- Frequency : 50-400 Hz.
- Insulation Level : 600 Volts. 10kV BIL. full wave
- WINDOW : 7.31"
- APROXIMATE WEIGHT : 60 lbs

CONNECTIONS :

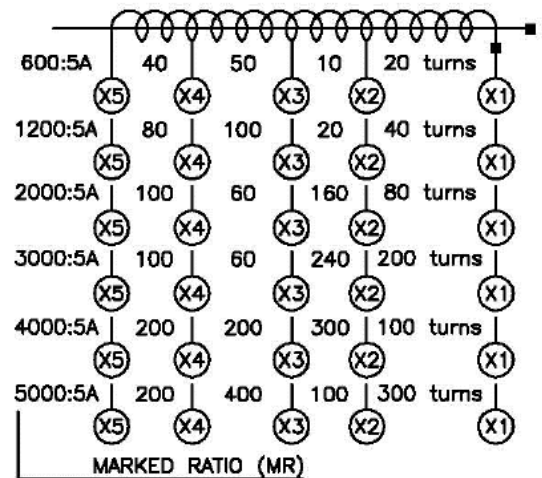
- Terminals are brass connections No. 10-32 UNF with one flat washer, lockwasher, and regular nut
- Multi-ratios available upon request
- Mounting kit (On Request)

Application

- Relaying & Metering

Omega 30 - 143AMR

Current Ratio	Relay class	Continuous Thermal	
		@30 °C	@50 °C
600	C200	2.0	1.5
1200	C400	1.5	1.0
2000	C400	1.33	1.0
3000	C800	1.0	0.8
4000	C800	1.0	0.6
5000	C800	1.0	0.6



Specification

- Frequency : 50-400 Hz.
- Insulation Level : 600 Volts. 10kV BIL. full wave
- WINDOW : 7.31"
- APROXIMATE WEIGHT : 60 lbs

CONNECTIONS :

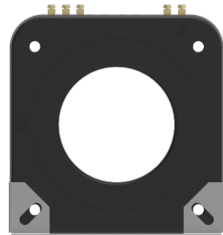
- Terminals are brass studs No. 10-32 UNF with one flat washer, lockwasher, and regular nut

Application

- Relaying & Metering

Omega 30 - 143ASHT, 143AMR

Product Mounting Kit

Sr No	Model Name	Item Code	Actual Product
1	143, 143MR	X41H-0A00-0001	

Sifam Tinsley Instrumentation Inc.

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