Wire Lead Current Transformers
Series 8400

Features

- Low cost
- 5 standard sizes
- Non-contact, isolated measurement

Applications

- Over/under current sensing
- Ground Faults
- Current measurements
- Power monitoring

CR8459

CR8460

Specifications

Case Material: Polypropylene Resin
Construction: Epoxy Encapsulated
Operating Temperature: -25°C to +66°C
Insulation Resistance: 100 M ohm @ 500 Vdc
High Potential: 1500 volts x 1 minute
Frequency: 50 to 400 Hz

CR8401 CR8410 CR8420

Part Numbers And Outline Dimensions

PART NUMBERS	A min.	B max.	C max.	D ±.12 (±3.0)	E max.	Fig.	NOTES
CR8401-xxxx-G	.232 (5.9)	.827 (21.0)	.315 (8.0)	2.75 (70.0)	.709 (18.0)	3	NICKEL ALLOY CORE WITH MAGNETIC SHIELDS FOR GROUND FAULT APPLICATIONS
CR8410-xxxx	.350 (8.9)	1.024 (26.0)	.355 (9.0)	2.87 (73.0)	.866 (22.0)	3	SILICON STEEL CORE FOR GENERAL PURPOSE CURRENT MONITORING
CR8420-xxxx-G	.578 (14.7)	1.299 (33.0)	.355 (9.0)	2.75 (70.0)	1.181 (30.0)	3	NICKEL ALLOY CORE WITH MAGNETIC SHIELDS FOR GROUND FAULT APPLICATIONS
CR8459-xxxx-N	.760 (19.3)	1.862 (47.3)	748 (19)			4	NICKEL ALLOY CORE FOR POWER MONITORING APPLICATIONS
CR8460-xxxx-N	1.181 (30)	2.401 (61)	.826 (21)	3.464 (88)		5	NICKEL ALLOY CORE FOR POWER MONITORING APPLICATIONS

Part Numbers

CR ❑ ❑ ❑ ❑ - ❑ ❑ ❑ ❑

Number of Secondary Turns

8401 - .232 Window Opening
8310 - .350 Window Opening
8420 - .586 Window Opening
8459 - .760 Window Opening
8460 - 1.181 Window Opening

CONTACT FACTORY FOR ADDITIONAL ELECTRICAL SPECIFICATIONS

Internet Resources http://www.crmagnetics.com/

- Transformer Selection Guide: pcb.html
- Pricing: pricing/8400.html

Standard Configurations

The following are standard configurations that are normally stocked.

CR8401-1000-G
CR8410-1000
CR8420-1000-G
CR8459-2000-N

CR Magnetics, Inc. 544 Axminister Dr. Fenton MO USA 63026 V: 636.343.8518 F: 636.343.5119
Web: http://www.crmagnetics.com Email: sales@crmagnetics.com

Outline Drawings

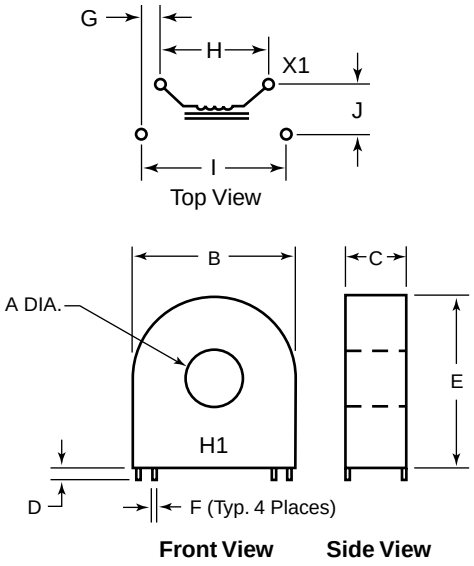

Figure 1

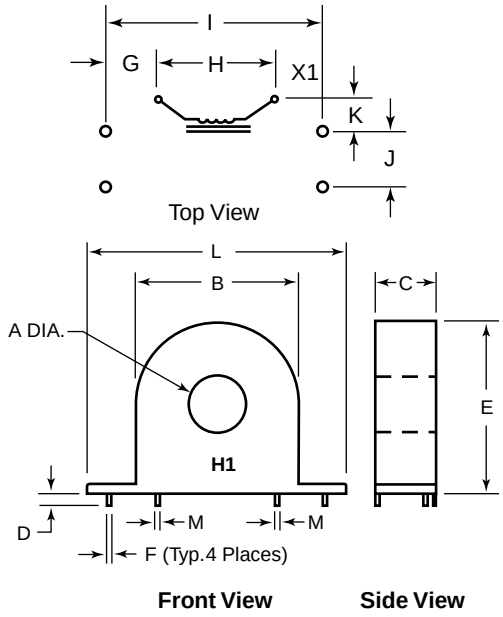

Figure 2

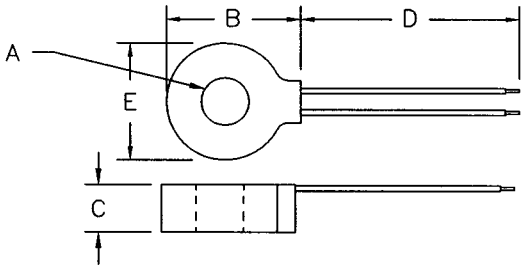

Figure 3

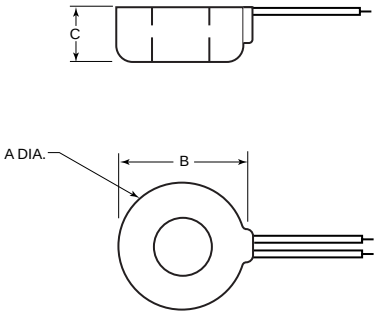

Figure 4

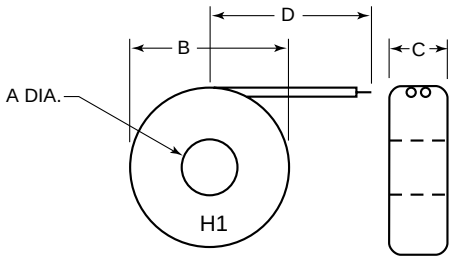

Figure 5