Accessories



Donut Current Transformers

- Meets A.S.A C57.13 Standard
- Manufactured to Meet UL Requirements UL 1244
- Flexible Leads are UL105, 105°C CSA Approved
- Molded From Impact and Abrasive Resistance Black Nylon for Rugged Construction

• <u>+</u> 2% Accuracy

A donut transformer is commonly used when AC current levels to be monitored exceed 75 amperes. Current transformer rated 100:5 will provide a secondary current of 5 AC amperes when a single primary turn is passed through the donut with a 100 ampere load. The donut transformer provides additional isolation from the conductor. The secondary leads are 2 feet long and may be extended up to 10 feet using at least 12 gauge copper wire. If the distance is greater than ten feet, please consult the factory.

A 50:5 amp donut is the lowest rating that Simpson normally carries. A donut can be used for ratings below 50 amps by wrapping either the primary wire passing through the core, or by wrapping the secondary wires leading to the meter. This is shown on the next page. Other ratings are available on special order. Call the factory with your specifications.

Dimensions and Ordering Information -



Catalog Number	Turns Ratio	Accuracy For 2 VA Burden
01293	10:1	2%
01306	15:1	2%
01297	20:1	1%
01298	30:1	1%
01299	40:1	1%
01313	50:1	.8%
01300	60:1	.6%
01305	80:1	.5%
01301	100:1	.5%
02303	120:1	.5%
02459	150:0	.3%
02304	200:1	.3%

Dimension Drawing

Ampere Turns Catalog Dimensions Primary Secondary Ratio Number А В С 01293 50 5 10.1 1.10 75 5 15 1 01306 3.56 1.56 100 5 20.1 01297 150 5 30.1 01298 200 5 40.1 01299 250 5 50.1 01313 300 5 60.1 01300 3.56 2.06 1.10 400 5 80.1 01305 500 5 100.1 01301 5 600 02303 120.1 750 5 02459 150.1 4.50 3.00 1.09 1000 5 200.1 02304

Ordering Information

NOTE: Primary and Secondary Turn Ratio modifications are noted on Reverse Side of Page.

