



Technical Data Sheet



Omega Split Core Current Transformer Series

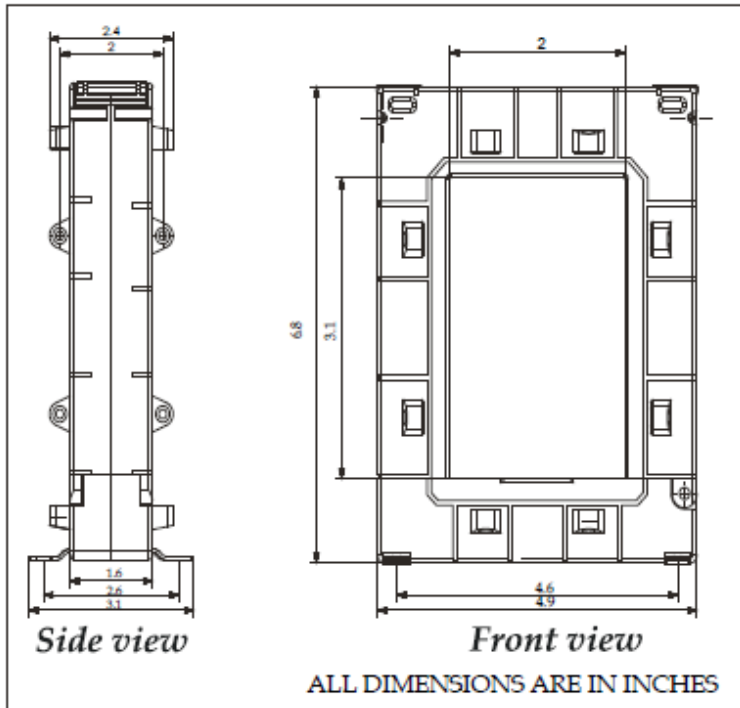


Omega 10B Series is a range of split core current transformers that offers a cost effective and efficient method by which the current can be measured without the need to break the conductor, thereby reducing installation and commissioning time.

Omega Split Core Current Transformer Series

Omega 10B 125/50 SC (40)

Omega 10B



Primary Current	VA		OD/ID (Axial)
	Class 0.5	Class 1	
250	1VA	2.5VA	4.9/ 2 (1.6)
300	2.5VA	3.75VA	4.9/ 2 (1.6)
400	2.5VA	3.75VA	4.9/ 2 (1.6)
500	3.75VA	5VA	4.9/ 2 (1.6)
600	5VA	7.5VA	4.9/ 2 (1.6)
750	7.5VA	10VA	4.9/ 2 (1.6)
800	7.5VA	10VA	4.9/ 2 (1.6)
1000	10VA	15VA	4.9/ 2 (1.6)
1200	10VA	15VA	4.9/ 2 (1.6)
1250	10VA	15VA	4.9/ 2 (1.6)
1500	10VA	15VA	4.9/ 2 (1.6)
1600	10VA	15VA	4.9/ 2 (1.6)

Omega Split Core Current Transformer Series

Specifications

- System voltage 720V (0.72kV) maximum
- Test voltage 3kV for 1 minute
- System frequency 50 or 60 Hz
- Insulation class E
- Overload withstand 1.2 times rated current continuously
- Short circuit thermal 100 x rated primary for 1 second
- Operating temperature 20°C to 70°C
- Relative humidity 0-90% (non condensing)
- Compliant with IEC 60044-1. Bs7626
- Accuracy Class 3, 1 & 0.5
- Rated dynamic current = 2.55 x I_{ht}
- Enclosure flame retardant grade classified UL 94V-O

Applications

- Switchgear
- Distribution system
- Generator sets
- Control panels
- Overload protection
- Control devices



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PRECISION INSTRUMENTATION

Sifam Tinsley Instrumentation Inc.
3105, Creekside Village Drive,
Suite No. 801, Kennesaw,
Georgia 30144 (USA)
E-mail Id : psk@sifamtinsley.com
Web : www.sifamtinsley.com
Contact No. : +1 404 736 4903

Sifam Tinsley Instrumentation Ltd
Unit 1 Warner Drive,
Springwood Industrial Estate
Braintree, Essex, UK, CM72YW
E-mail: sales@sifamtinsley.com
Web: www.sifamtinsley.com/uk
Contact: +44(0)1803615139