



Technical Data Sheet



Omega Split Core Current Transformer Series

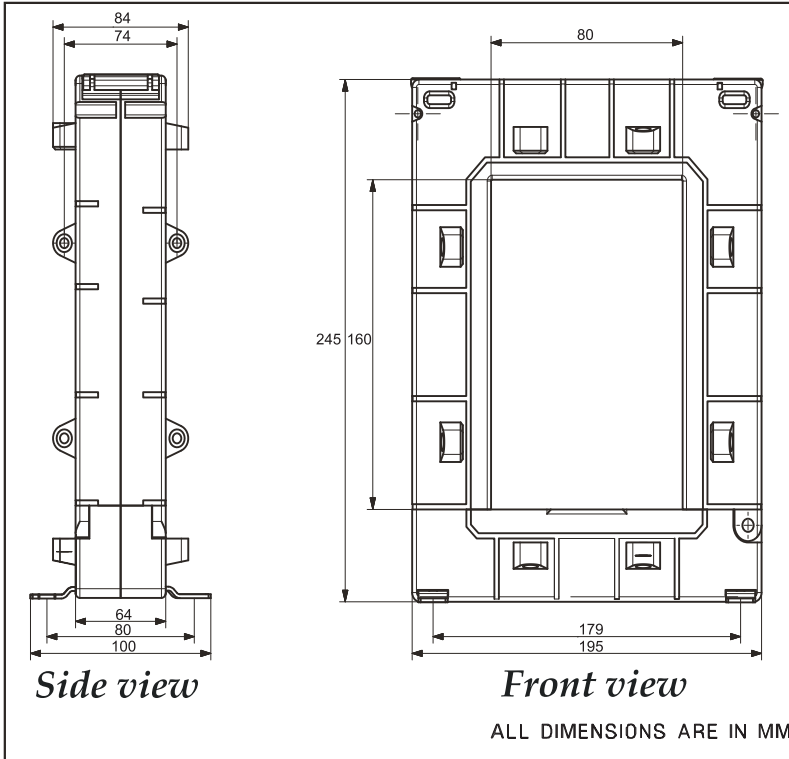


Omega 10D Series is a range of split core current transformers that offers a cost effective and efficient method by which the current can be measured without the need to break the conductor, thereby reducing installation and commissioning time.

Omega Split Core Current Transformer Series

Omega 10D 195/80 SC (40)

Omega 10D



Primary Current	VA		OD/ID (Axial)
	Class 0.5	Class 1	
500	1.25VA	5VA	195 / 80 (64)
600	1.25VA	5VA	195 / 80 (64)
750	5VA	10VA	195 / 80 (64)
800	7.5VA	10VA	195 / 80 (64)
1000	10VA	20VA	195 / 80 (64)
1200	15VA	20VA	195 / 80 (64)
1250	15VA	20VA	195 / 80 (64)
1500	20VA	30VA	195 / 80 (64)
1600	20VA	30VA	195 / 80 (64)
2000	25VA	30VA	195 / 80 (64)
2500	25VA	30VA	195 / 80 (64)
3000	30VA	45VA	195 / 80 (64)
4000	30VA	45VA	195 / 80 (64)
5000	30VA	45VA	195 / 80 (64)

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