



Technical Data Sheet



Omega Split Core Current Transformer Series

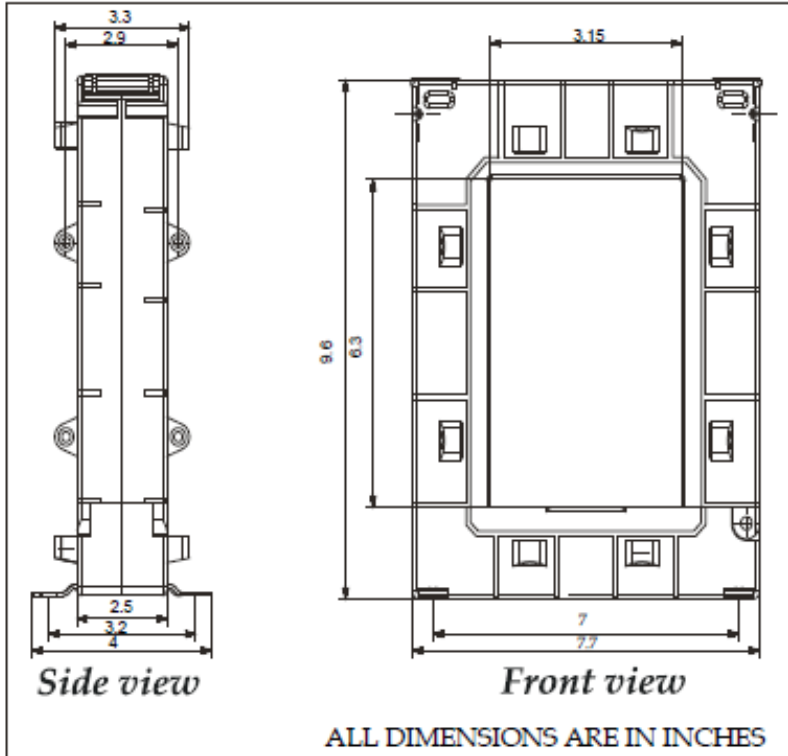


Omega 10D Series is a range of split core current transformers that offers a cost effective and efficient method by which the current can be measured without the need to break the conductor, thereby reducing installation and commissioning time.

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	7.7/3.2 (2.5)
600	1.25VA	5VA	7.7/3.2 (2.5)
750	5VA	10VA	7.7/3.2 (2.5)
800	7.5VA	10VA	7.7/3.2 (2.5)
1000	10VA	20VA	7.7/3.2 (2.5)
1200	15VA	20VA	7.7/3.2 (2.5)
1250	15VA	20VA	7.7/3.2 (2.5)
1500	20VA	30VA	7.7/3.2 (2.5)
1600	20VA	30VA	7.7/3.2 (2.5)
2000	25VA	30VA	7.7/3.2 (2.5)
2500	25VA	30VA	7.7/3.2 (2.5)
3000	30VA	45VA	7.7/3.2 (2.5)
4000	30VA	45VA	7.7/3.2 (2.5)
5000	30VA	45VA	7.7/3.2 (2.5)

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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