



Technical Data Sheet



Omega Split Core Current Transformer Series

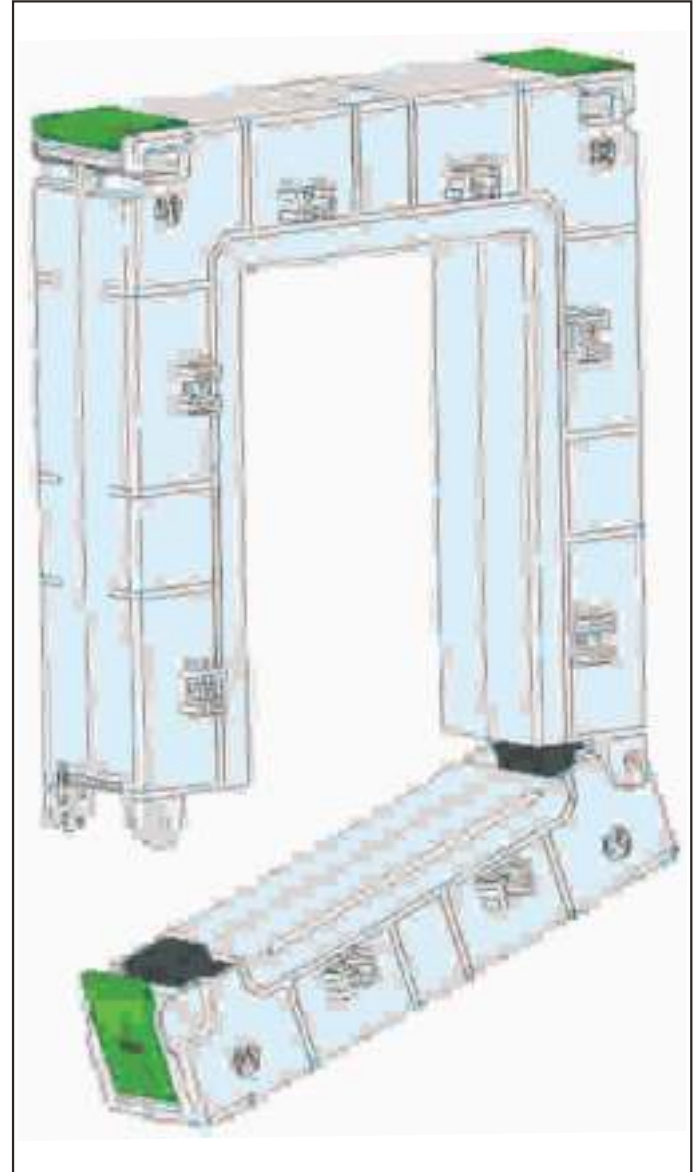
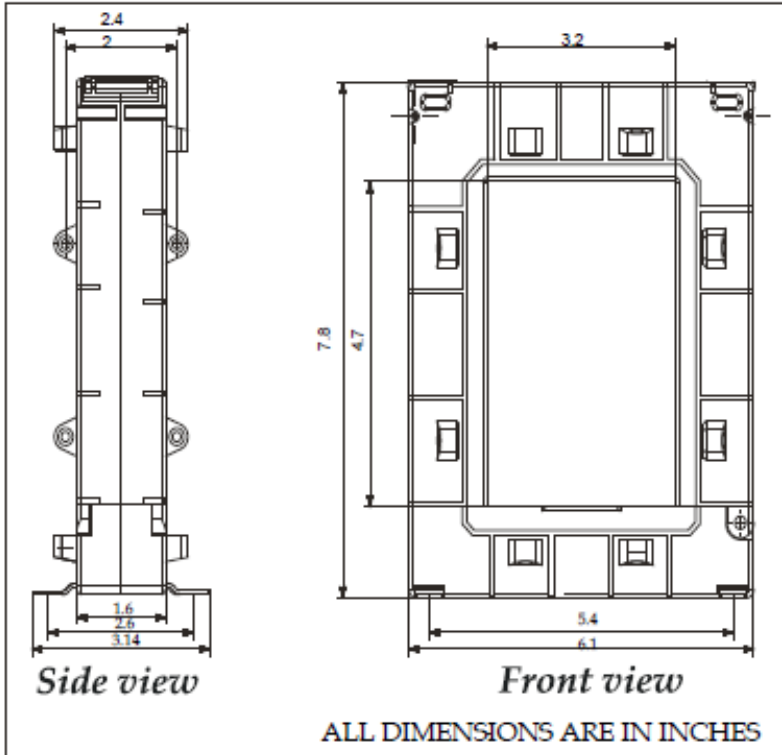


Omega 10C Series is a range of split core current transformers that offers a cost effective and efficient method by which the current can be measured without the need to break the conductor, thereby reducing installation and commissioning time.

Omega Split Core Current Transformer Series

Omega 10C 155/80 SC (40)

Omega 10C



Primary Current	VA		OD/ID (Axial)
	Class 0.5	Class 1	
250	1VA	2.5VA	6.1/3.2 (1.6)
300	2.5VA	3.75VA	6.1/3.2 (1.6)
400	2.5VA	3.75VA	6.1/3.2 (1.6)
500	3.75VA	5VA	6.1/3.2 (1.6)
600	5VA	7.5VA	6.1/3.2(1.6)
750	7.5VA	10VA	6.1/3.2(1.6)
800	7.5VA	10VA	6.1/3.2(1.6)
1000	10VA	15VA	6.1/3.2(1.6)
1200	15VA	30VA	6.1/3.2(1.6)
1250	15VA	30VA	6.1/3.2(1.6)
1500	20VA	45VA	6.1/3.2(1.6)
1600	20VA	45VA	6.1/3.2(1.6)
2000	20VA	45VA	6.1/3.2(1.6)
2500	25VA	45VA	6.1/3.2(1.6)
3000	30VA	45VA	6.1/3.2(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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