



Technical Data Sheet



Omega Split Core Current Transformer Series

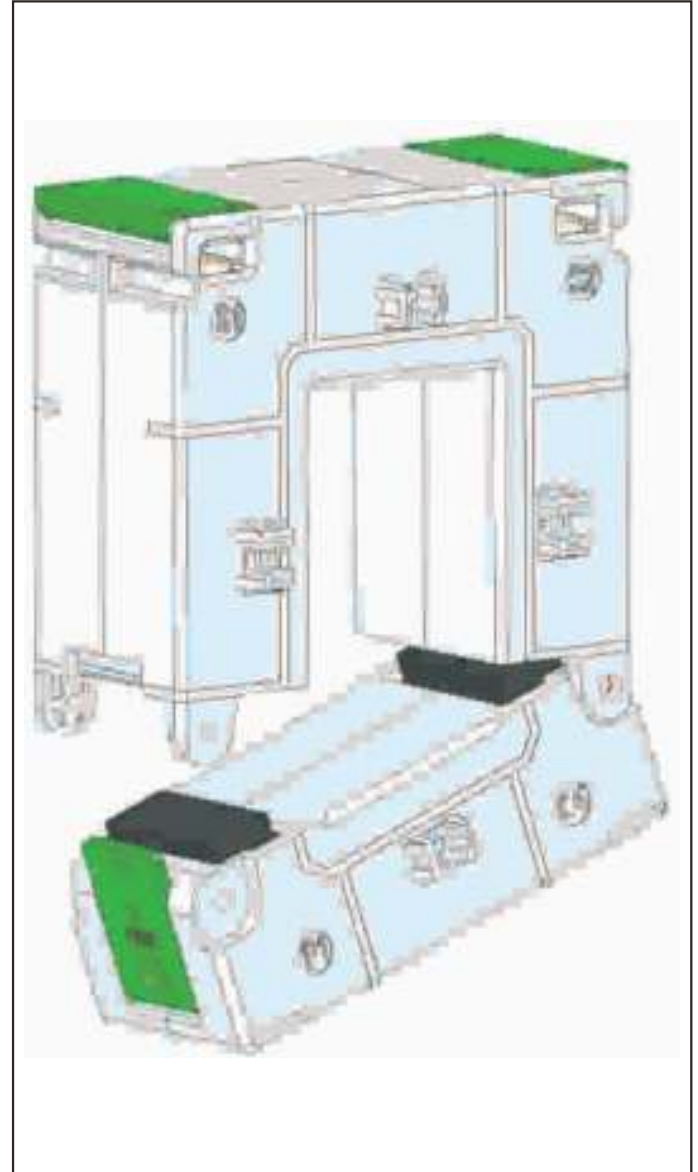
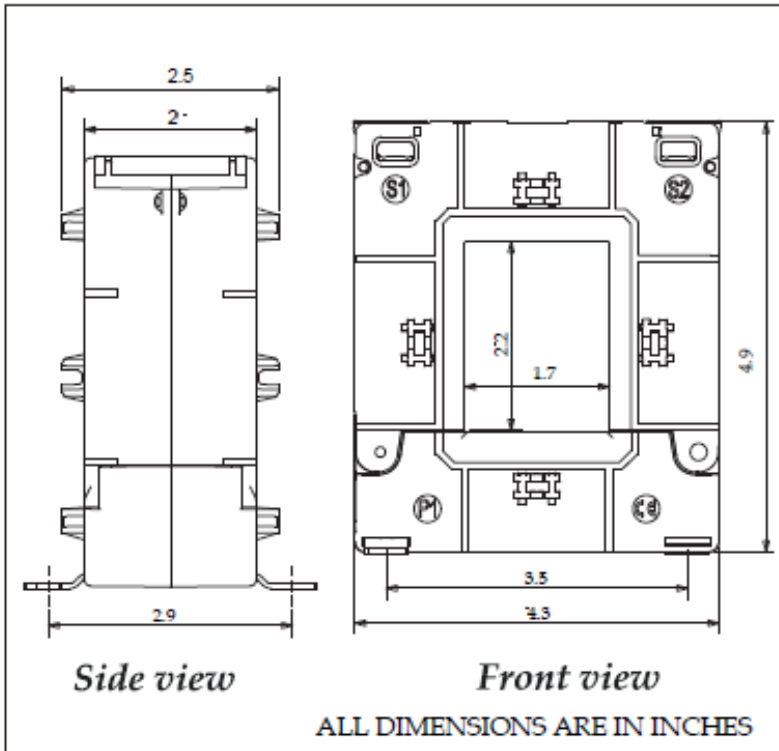


Omega 10E Series is a range of split core current transformers that offers a cost effective and efficient method by which the current can be measured without the need to break the conductor, thereby reducing installation and commissioning time.

Omega Split Core Current Transformer Series

Omega 10E 105/50 SC (50)

Omega 10E



Primary Current	VA		OD/ID (Axial)
	Class 0.5	Class 1	
100	-	1.5VA	4.1/2(2)
125	-	1.5VA	4.1/2(2)
150	-	1.75VA	4.1/2(2)
200	1.5VA	3.75VA	4.1/2(2)
250	2.5VA	5VA	4.1/2(2)
300	2.5VA	5VA	4.1/2(2)
400	5VA	7.5VA	4.1/2(2)
500	5VA	7.5VA	4.1/2(2)
600	6.25VA	10VA	4.1/2(2)
750	7.5VA	12.5VA	4.1/2(2)
800	7.5VA	12.5VA	4.1/2(2)

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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