



Technical Data Sheet



Omega Split Core Current Transformer Series

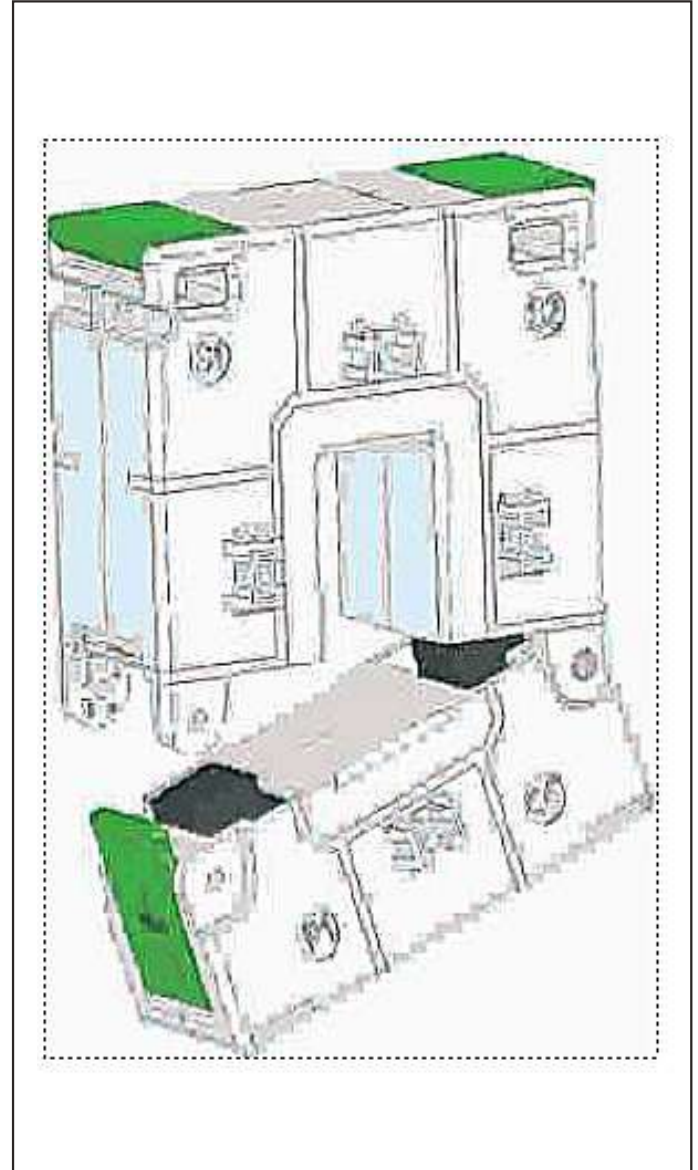
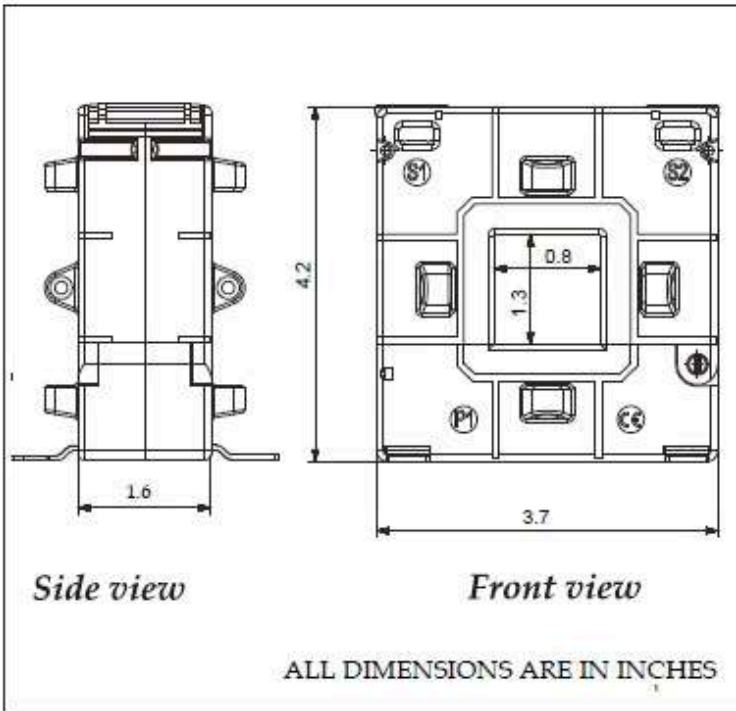


Omega 10A Series is a range of split core current transformers that offers a cost effective and efficient method by which the current can be measured without the need to break the conductor, thereby reducing installation and commissioning time.

Omega Split Core Current Transformer Series

Omega 10A 93/30 SC (40)

Omega 10A



Primary Current	VA			OD/ID (Axial)
	Class 0.5	Class 1	Class 3	
100	-	1.5VA	3.5VA	3.7/1.2 (1.6)
150	-	1.75VA	3.75VA	3.7/1.2 (1.6)
200	-	2.5VA	5VA	3.7/1.2 (1.6)
250	-	3.75VA	6.25VA	3.7/1.2 (1.6)
300	2.5VA	5VA	6.25VA	3.7/1.2 (1.6)
400	3.75VA	6.25VA	10VA	3.7/1.2 (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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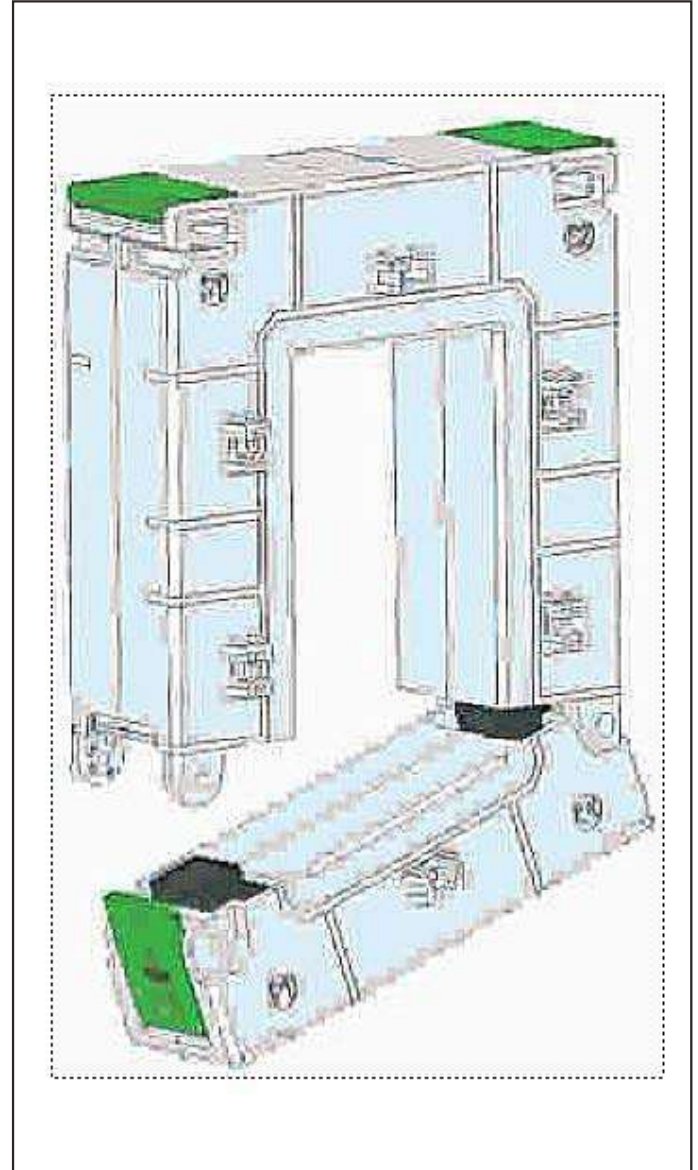
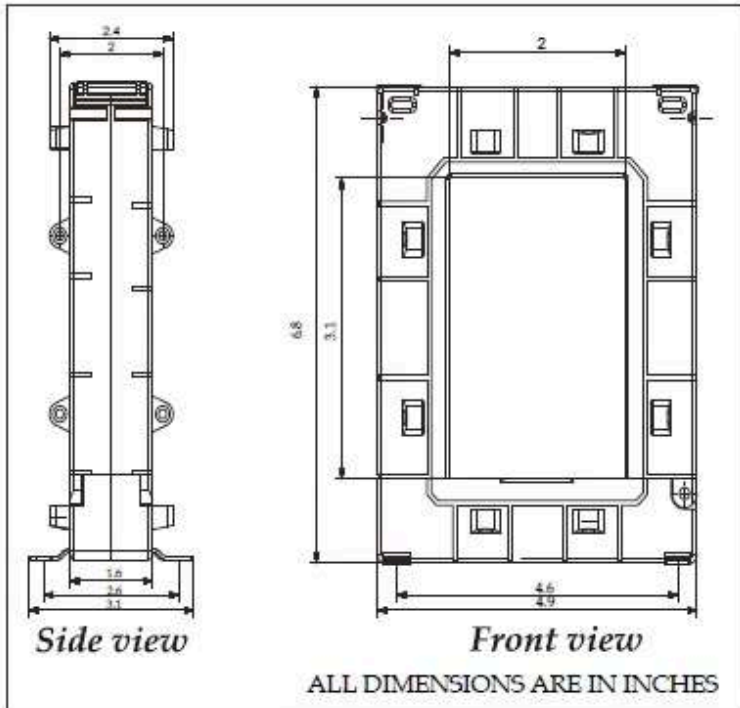


Omega 10B Series is a range of split core current transformers that offers a cost effective and efficient method by which the current can be measured without the need to break the conductor, thereby reducing installation and commissioning time.

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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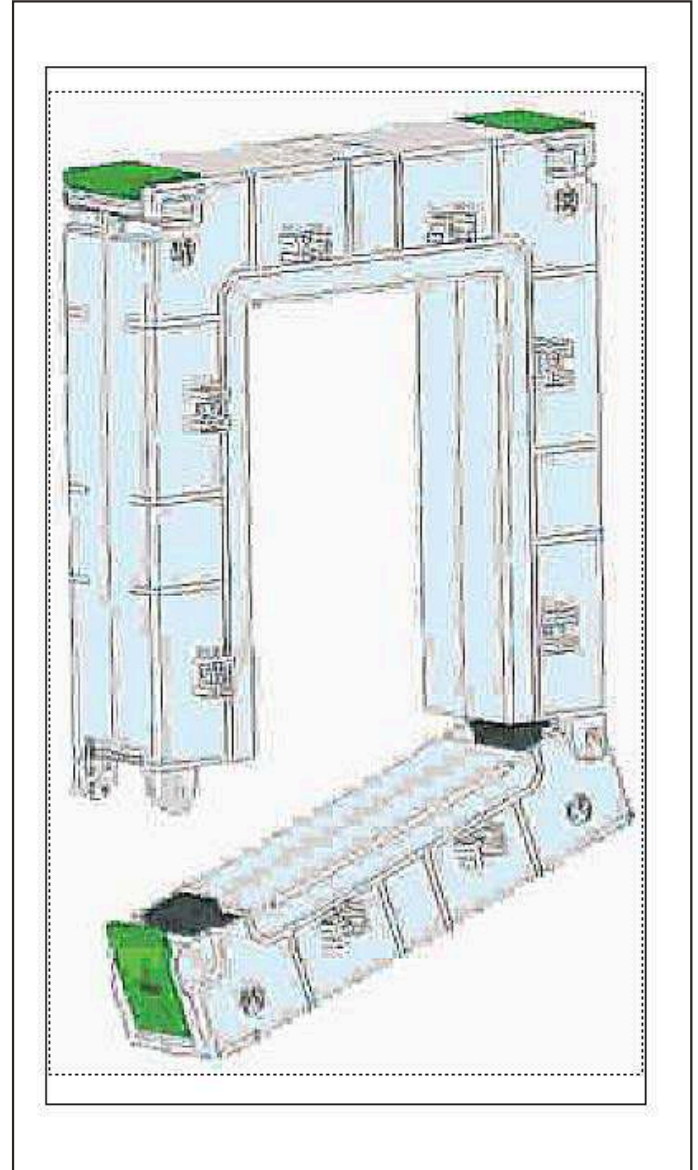
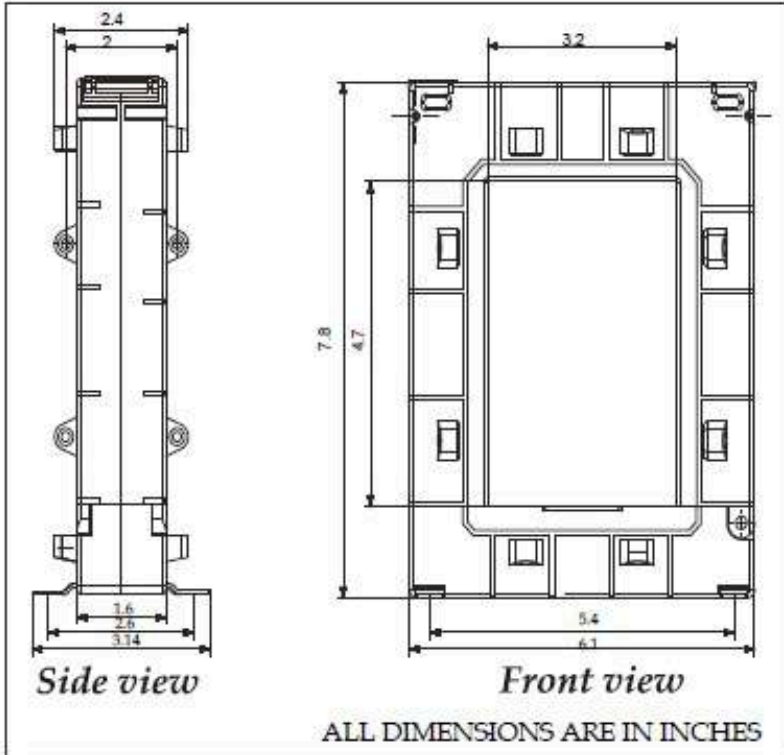


Omega 10C Series is a range of split core current transformers that offers a cost effective and efficient method by which the current can be measured without the need to break the conductor, thereby reducing installation and commissioning time.

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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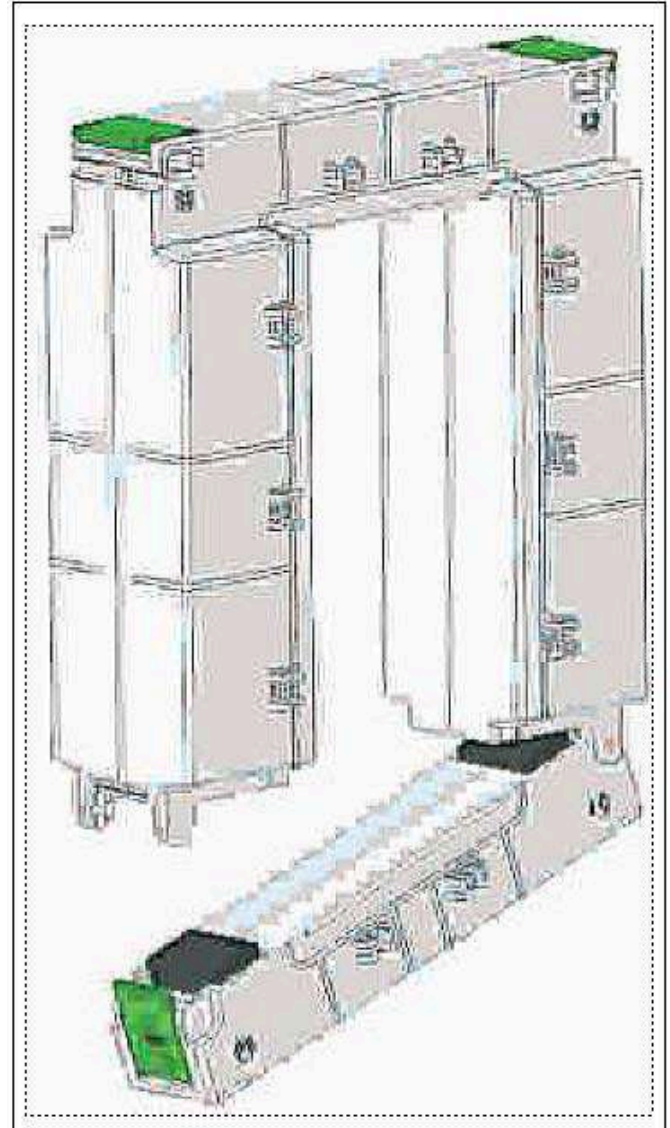
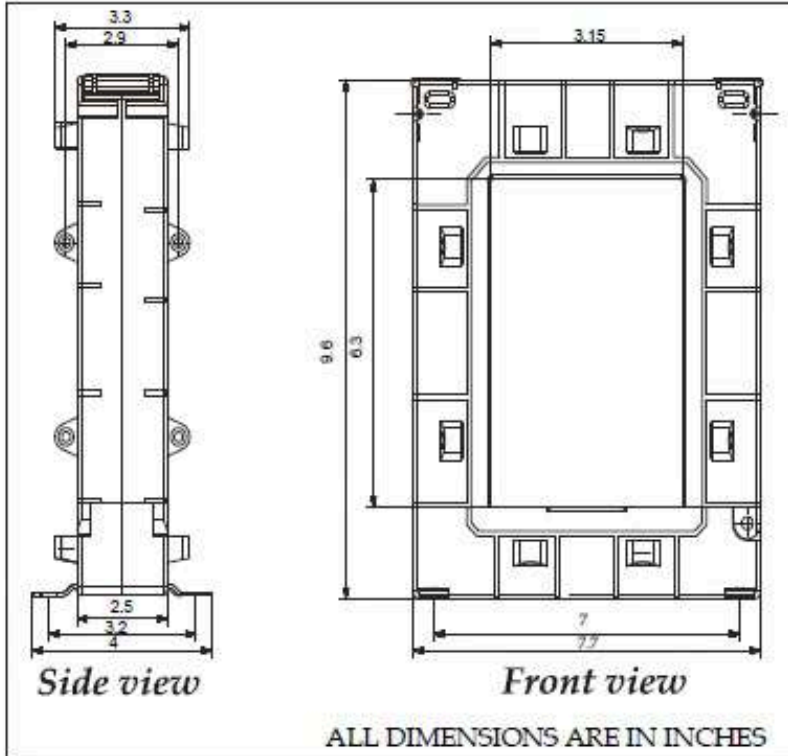


Omega 10D Series is a range of split core current transformers that offers a cost effective and efficient method by which the current can be measured without the need to break the conductor, thereby reducing installation and commissioning time.

Omega Split Core Current Transformer Series

Omega 10D 195/80 SC (64)

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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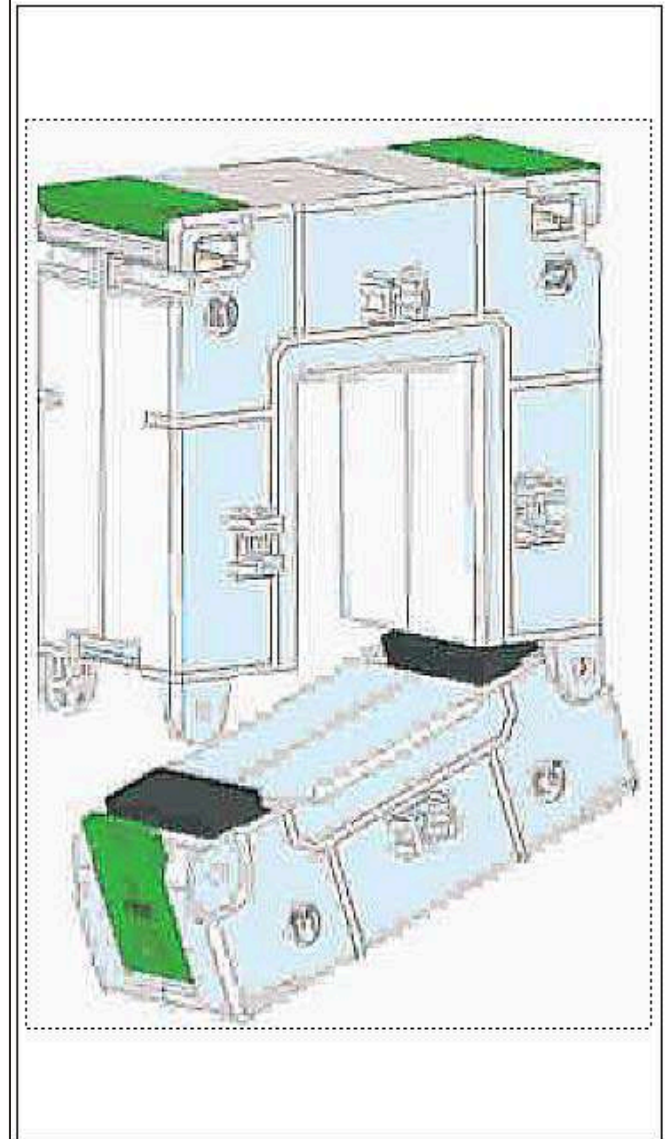
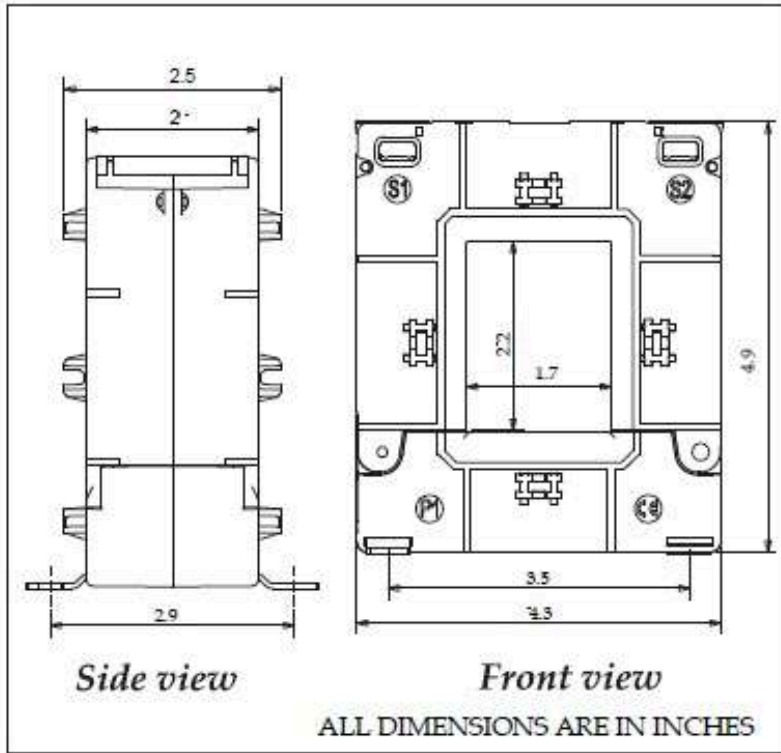


Omega 10E Series is a range of split core current transformers that offers a cost effective and efficient method by which the current can be measured without the need to break the conductor, thereby reducing installation and commissioning time.

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
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- Compliant with IEC 60044-1. Bs7626
- Accuracy Class 3, 1 & 0.5
- Rated dynamic current = 2.55 x I_{ht}
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Applications

- Switchgear
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