



Technical Data Sheet



Omega Split Core Current Transformer Series

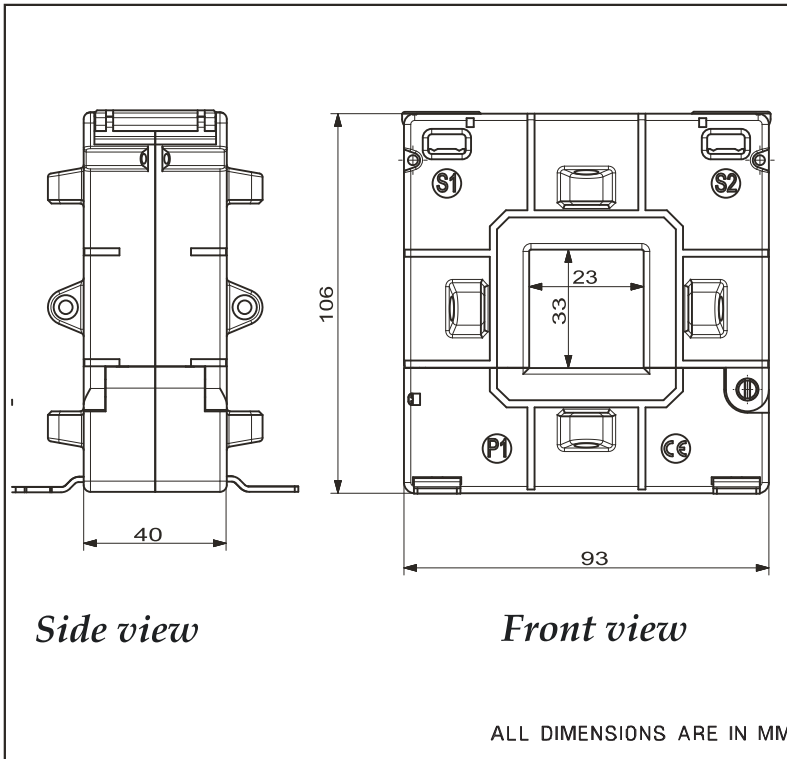


Omega 10 Series is a range of split core current transformers that offers a cost effective and efficient method by which the current can be measured without the need to break the conductor, thereby reducing installation and commissioning time.

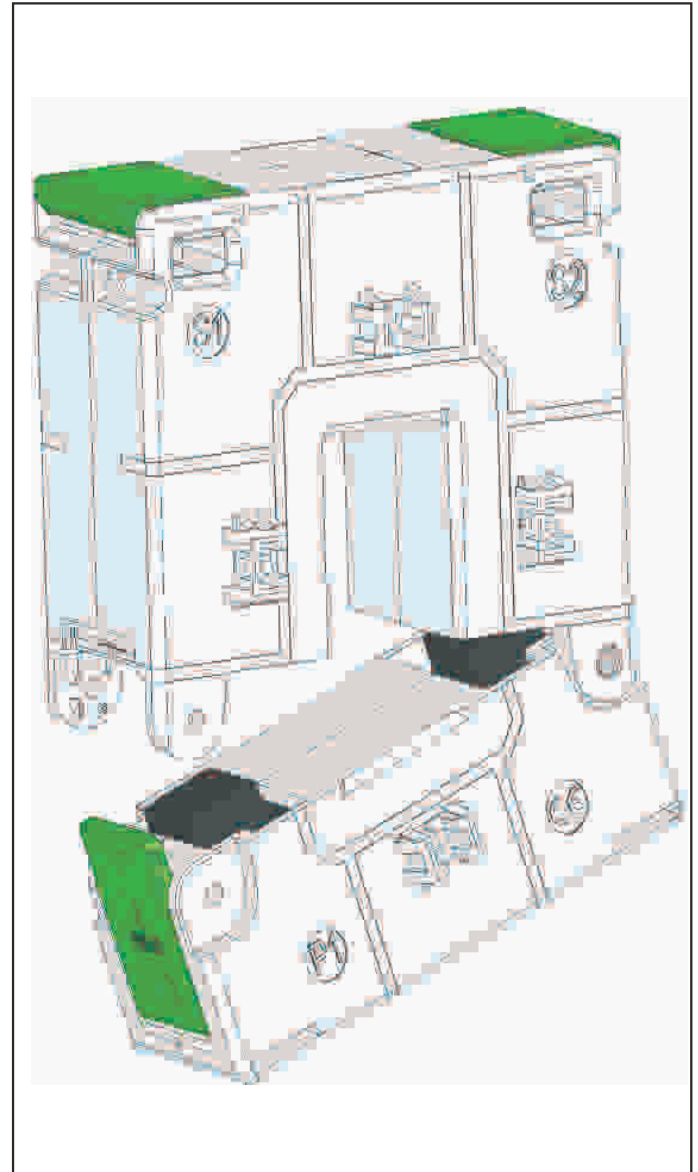
Omega Split Core Current Transformer Series

Omega 10A 93/30 SC (40)

Omega 10A



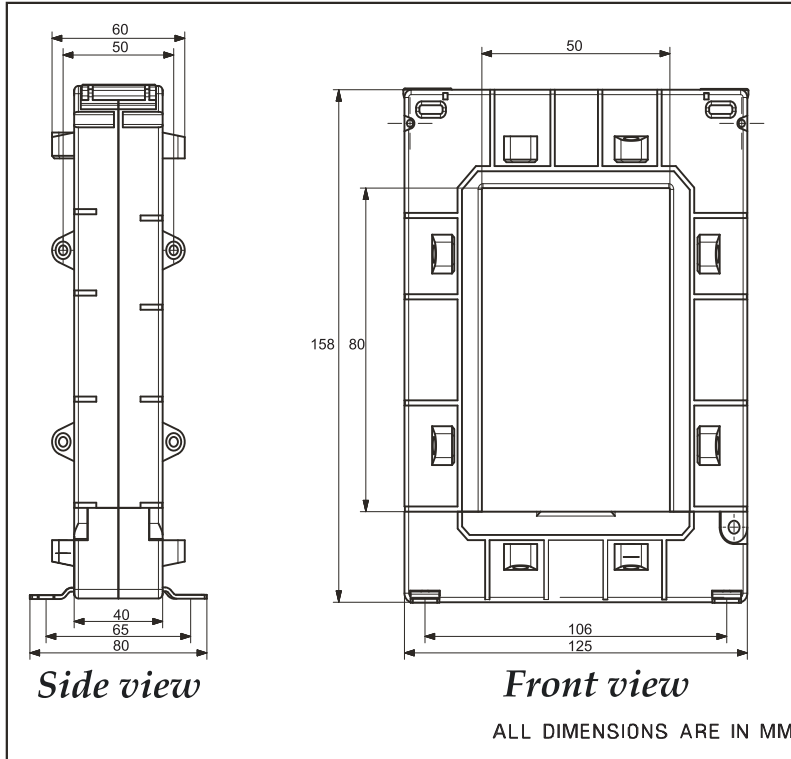
Primary Current	VA			OD/ID (Axial)
	Class 0.5	Class 1	Class 3	
100	-	1.5VA	3.5VA	93 / 30 (40)
150	-	1.75VA	3.75VA	93 / 30 (40)
200	-	2.5VA	5VA	93 / 30 (40)
250	-	3.75VA	6.25VA	93 / 30 (40)
300	2.5VA	5VA	6.25VA	93 / 30 (40)
400	3.75VA	6.25VA	10VA	93 / 30 (40)



Omega Split Core Current Transformer Series

Omega 10B 125/50 SC (40)

Omega 10B



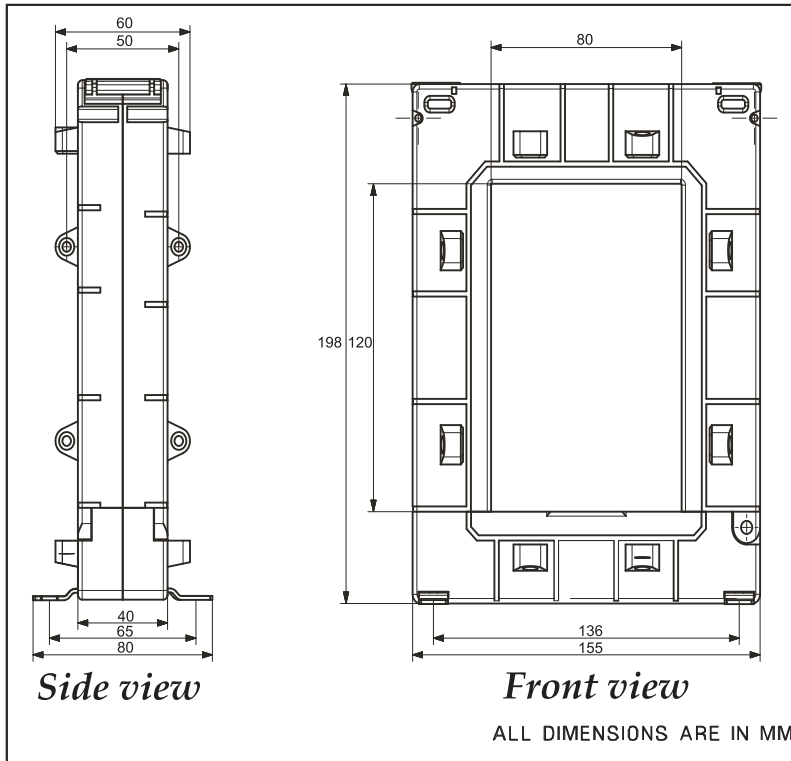
Primary Current	VA		OD/ID (Axial)
	Class 0.5	Class 1	
250	1VA	2.5VA	125 / 50 (40)
300	2.5VA	3.75VA	125 / 50 (40)
400	2.5VA	3.75VA	125 / 50 (40)
500	3.75VA	5VA	125 / 50 (40)
600	5VA	7.5VA	125 / 50 (40)
750	7.5VA	10VA	125 / 50 (40)
800	7.5VA	10VA	125 / 50 (40)
1000	10VA	15VA	125 / 50 (40)
1200	10VA	15VA	125 / 50 (40)
1250	10VA	15VA	125 / 50 (40)
1500	10VA	15VA	125 / 50 (40)
1600	10VA	15VA	125 / 50 (40)



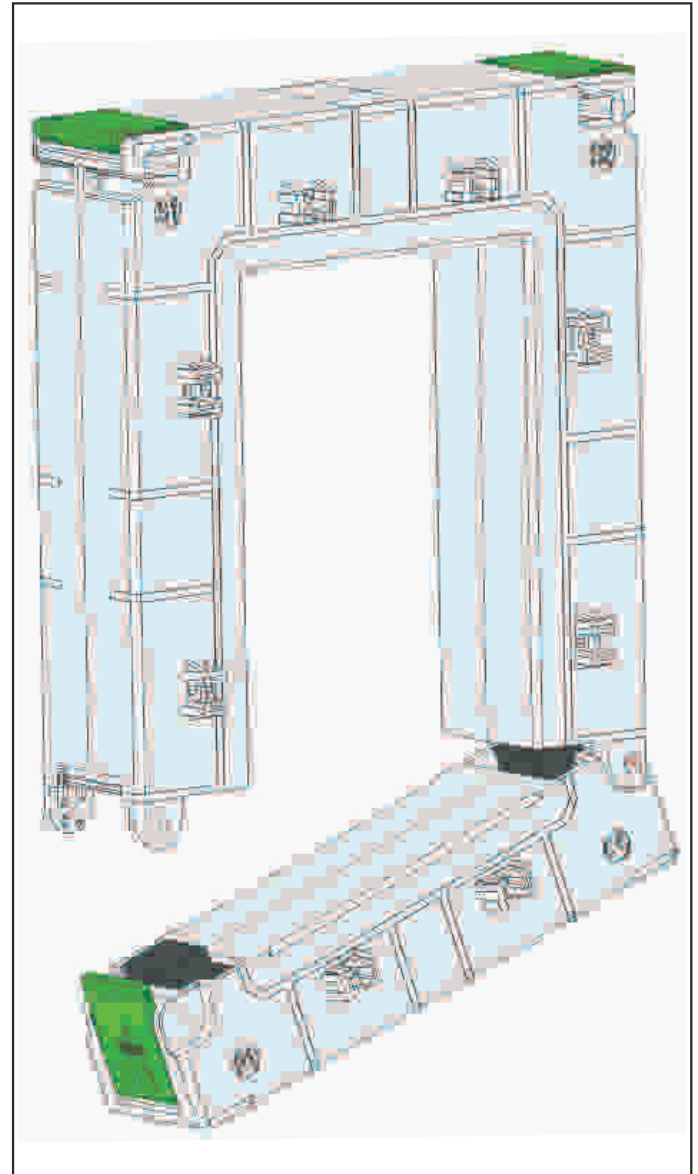
Omega Split Core Current Transformer Series

Omega 10C 155/80 SC (40)

Omega 10C



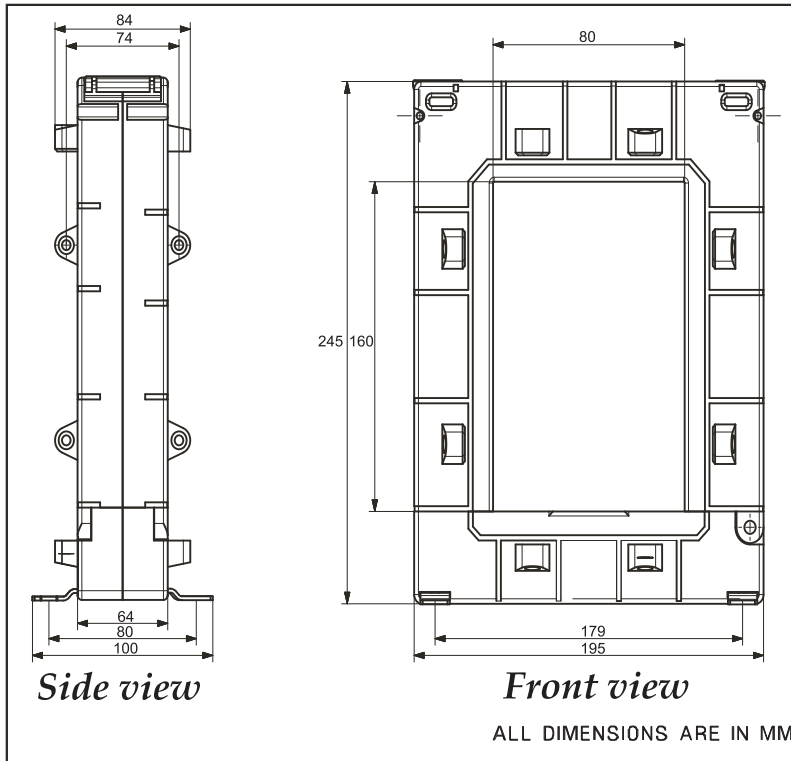
Primary Current	VA		OD/ID (Axial)
	Class 0.5	Class 1	
250	1VA	2.5VA	155 / 80 (40)
300	2.5VA	3.75VA	155 / 80 (40)
400	2.5VA	3.75VA	155 / 80 (40)
500	3.75VA	5VA	155 / 80 (40)
600	5VA	7.5VA	155 / 80 (40)
750	7.5VA	10VA	155 / 80 (40)
800	7.5VA	10VA	155 / 80 (40)
1000	10VA	15VA	155 / 80 (40)
1200	15VA	30VA	155 / 80 (40)
1250	15VA	30VA	155 / 80 (40)
1500	20VA	45VA	155 / 80 (40)
1600	20VA	45VA	155 / 80 (40)
2000	20VA	45VA	155 / 80 (40)
2500	25VA	45VA	155 / 80 (40)
3000	30VA	45VA	155 / 80 (40)



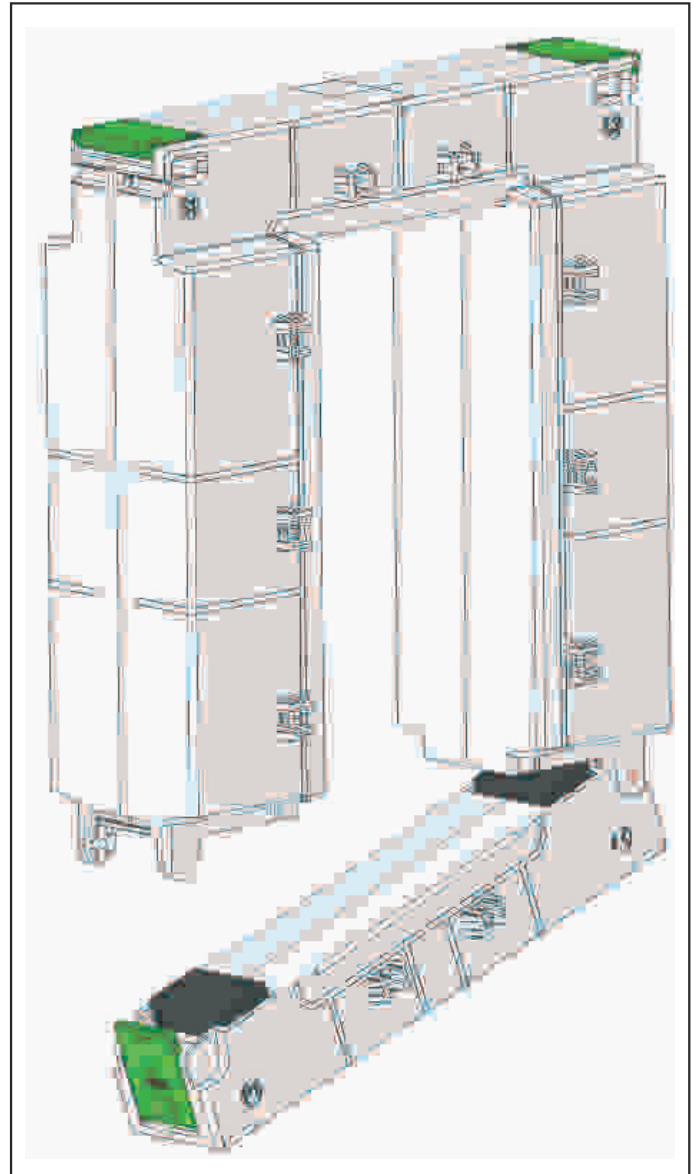
Omega Split Core Current Transformer Series

Omega 10D 195/80 SC (40)

Omega 10D



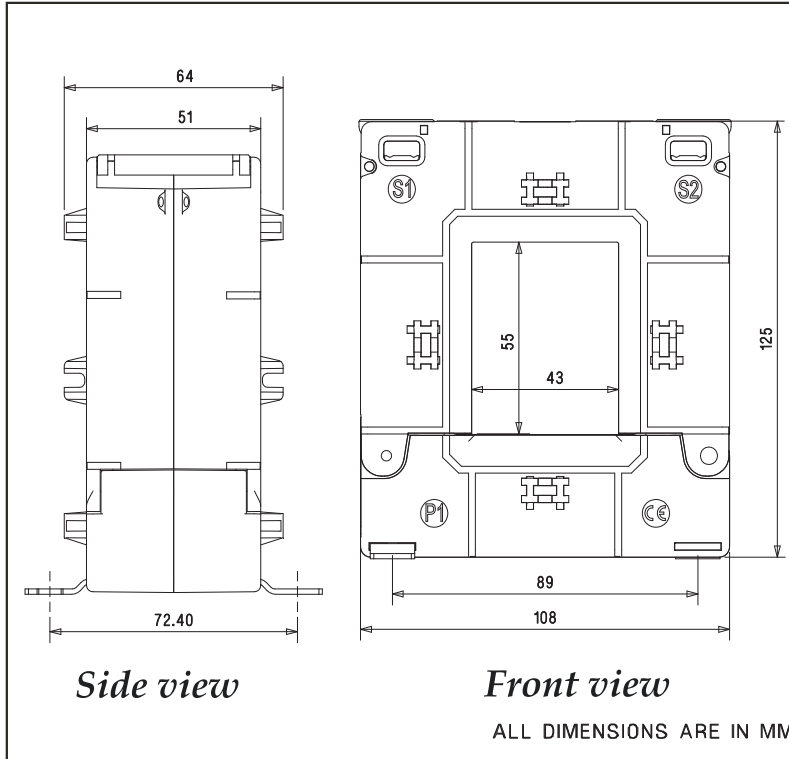
Primary Current	VA		OD/ID (Axial)
	Class 0.5	Class 1	
500	1.25VA	5VA	195 / 80 (64)
600	1.25VA	5VA	195 / 80 (64)
750	5VA	10VA	195 / 80 (64)
800	7.5VA	10VA	195 / 80 (64)
1000	10VA	20VA	195 / 80 (64)
1200	15VA	20VA	195 / 80 (64)
1250	15VA	20VA	195 / 80 (64)
1500	20VA	30VA	195 / 80 (64)
1600	20VA	30VA	195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



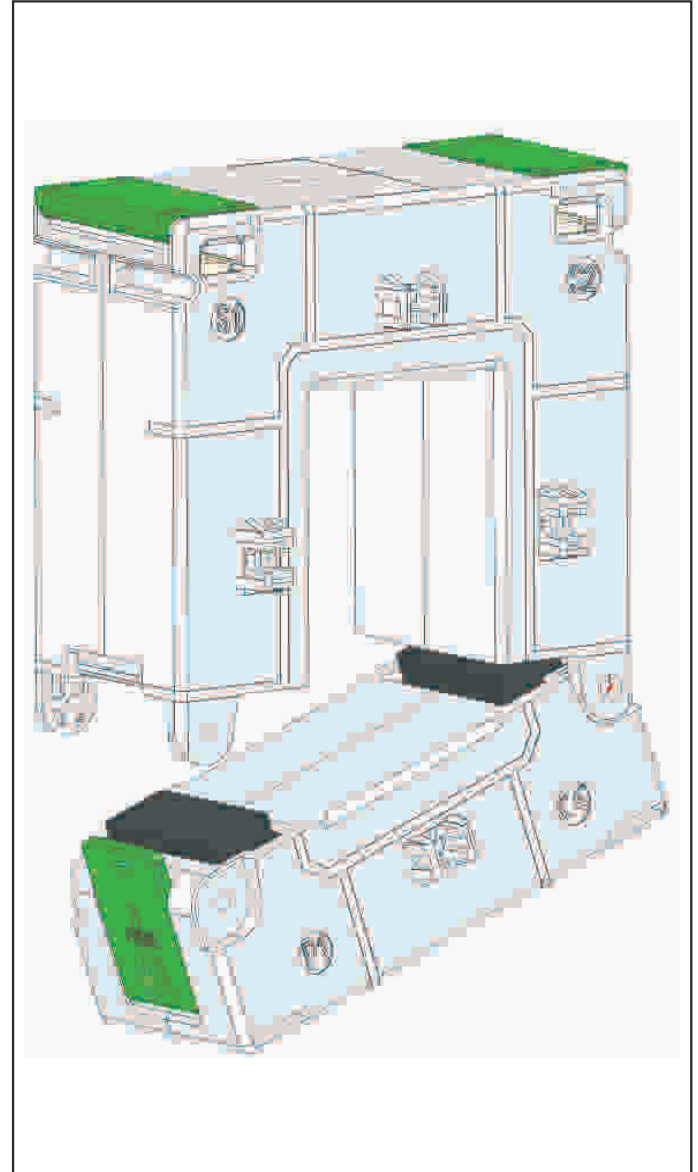
Omega Split Core Current Transformer Series

Omega 10E 105/50 SC (50)

Omega 10E



Primary Current	VA		OD/ID (Axial)
	Class 0.5	Class 1	
100	-	1.5VA	105 / 50 (50)
125	-	1.5VA	105 / 50 (50)
150	-	1.75VA	105 / 50 (50)
200	1.5VA	3.75VA	105 / 50 (50)
250	2.5VA	5VA	105 / 50 (50)
300	2.5VA	5VA	105 / 50 (50)
400	5VA	7.5VA	105 / 50 (50)
500	5VA	7.5VA	105 / 50 (50)
600	6.25VA	10VA	105 / 50 (50)
750	7.5VA	12.5VA	105 / 50 (50)
800	7.5VA	12.5VA	105 / 50 (50)



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

MPN - Split Core Current Transformer

Omega 10A

Model	Busbar	MPN	Description
Omega 10A (93/30)	1.30 x 0.91	XS01-285055S000000	300/5A, 2.5VA/0.5
Omega 10A (93/30)	1.30 x 0.91	XS01-315075S000000	400/5A, 3.75VA/0.5
Omega 10A (93/30)	1.30 x 0.91	XS01-185031S000000	100/5A, 1.5VA/1.0
Omega 10A (93/30)	1.30 x 0.91	XS01-225221S000000	150/5A, 1.75VA/1.0
Omega 10A (93/30)	1.30 x 0.91	XS01-245051S000000	200/5A, 2.5VA/1.0
Omega 10A (93/30)	1.30 x 0.91	XS01-275071S000000	250/5A, 3.75VA/1.0
Omega 10A (93/30)	1.30 x 0.91	XS01-285081S000000	300/5A, 5.0VA/1.0
Omega 10A (93/30)	1.30 x 0.91	XS01-315091S000000	400/5A, 6.25VA/1.0

Omega 10B

Model	Busbar	MPN	Description
Omega 10B (125/50)	3.15 x 1.97	XS02-275015S000000	250/5A, 1VA/0.5
Omega 10B (125/50)	3.15 x 1.97	XS02-285055S000000	300/5A, 2.5VA/0.5
Omega 10B (125/50)	3.15 x 1.97	XS02-315055S000000	400/5A, 2.5VA/0.5
Omega 10B (125/50)	3.15 x 1.97	XS02-325075S000000	500/5A, 3.75VA/0.5
Omega 10B (125/50)	3.15 x 1.97	XS02-335085S000000	600/5A, 5VA/0.5
Omega 10B (125/50)	3.15 x 1.97	XS02-365105S000000	750/5A, 7.5VA/0.5
Omega 10B (125/50)	3.15 x 1.97	XS02-375105S000000	800/5A, 7.5VA/0.5
Omega 10B (125/50)	3.15 x 1.97	XS02-395115S000000	1000/5A, 10VA/0.5
Omega 10B (125/50)	3.15 x 1.97	XS02-405115S000000	1200/5A, 10VA/0.5
Omega 10B (125/50)	3.15 x 1.97	XS02-415115S000000	1250/5A, 10VA/0.5
Omega 10B (125/50)	3.15 x 1.97	XS02-425115S000000	1500/5A, 10VA/0.5
Omega 10B (125/50)	3.15 x 1.97	XS02-435115S000000	1600/5A, 10VA/0.5
Omega 10B (125/50)	3.15 x 1.97	XS02-275051S000000	250/5A, 2.5VA/1.0
Omega 10B (125/50)	3.15 x 1.97	XS02-285071S000000	300/5A, 3.75VA/1.0
Omega 10B (125/50)	3.15 x 1.97	XS02-315071S000000	400/5A, 3.75VA/1.0
Omega 10B (125/50)	3.15 x 1.97	XS02-325081S000000	500/5A, 5VA/1.0
Omega 10B (125/50)	3.15 x 1.97	XS02-335101S000000	600/5A, 7.5VA/1.0
Omega 10B (125/50)	3.15 x 1.97	XS02-365111S000000	750/5A, 10VA/1.0
Omega 10B (125/50)	3.15 x 1.97	XS02-375111S000000	800/5A, 10VA/1.0
Omega 10B (125/50)	3.15 x 1.97	XS02-395131S000000	1000/5A, 15VA/1.0
Omega 10B (125/50)	3.15 x 1.97	XS02-405131S000000	1200/5A, 15VA/1.0
Omega 10B (125/50)	3.15 x 1.97	XS02-415131S000000	1250/5A, 15VA/1.0
Omega 10B (125/50)	3.15 x 1.97	XS02-425131S000000	1500/5A, 15VA/1.0
Omega 10B (125/50)	3.15 x 1.97	XS02-435131S000000	1600/5A, 15VA/1.0
Omega 10B (125/50)	3.15 x 1.97	XS02-445131S000000	2000/5A, 15VA/1.0

MPN - Split Core Current Transformer

Omega 10C

Model	Busbar	MPN	Description
Omega 10C (155/80)	4.72 x 3.15	XS03-275015S000000	250/5A, 1VA/0.5
Omega 10C (155/80)	4.72 x 3.15	XS03-285055S000000	300/5A, 2.5VA/0.5
Omega 10C (155/80)	4.72 x 3.15	XS03-315055S000000	400/5A, 2.5VA/0.5
Omega 10C (155/80)	4.72 x 3.15	XS03-325075S000000	500/5A, 3.75VA/0.5
Omega 10C (155/80)	4.72 x 3.15	XS03-335085S000000	600/5A, 5VA/0.5
Omega 10C (155/80)	4.72 x 3.15	XS03-365105S000000	750/5A, 7.5VA/0.5
Omega 10C (155/80)	4.72 x 3.15	XS03-375105S000000	800/5A, 7.5VA/0.5
Omega 10C (155/80)	4.72 x 3.15	XS03-395115S000000	1000/5A, 10VA/0.5
Omega 10C (155/80)	4.72 x 3.15	XS03-405135S000000	1200/5A, 15VA/0.5
Omega 10C (155/80)	4.72 x 3.15	XS03-415135S000000	1250/5A, 15VA/0.5
Omega 10C (155/80)	4.72 x 3.15	XS03-425145S000000	1500/5A, 20VA/0.5
Omega 10C (155/80)	4.72 x 3.15	XS03-435145S000000	1600/5A, 20VA/0.5
Omega 10C (155/80)	4.72 x 3.15	XS03-445145S000000	2000/5A, 20VA/0.5
Omega 10C (155/80)	4.72 x 3.15	XS03-465205S000000	2500/5A, 25VA/0.5
Omega 10C (155/80)	4.72 x 3.15	XS03-485155S000000	3000/5A, 30VA/0.5
Omega 10C (155/80)	4.72 x 3.15	XS03-275051S000000	250/5A, 2.5VA/1.0
Omega 10C (155/80)	4.72 x 3.15	XS03-285071S000000	300/5A, 3.75VA/1.0
Omega 10C (155/80)	4.72 x 3.15	XS03-315071S000000	400/5A, 3.75VA/1.0
Omega 10C (155/80)	4.72 x 3.15	XS03-325081S000000	500/5A, 5VA/1.0
Omega 10C (155/80)	4.72 x 3.15	XS03-335101S000000	600/5A, 7.5VA/1.0
Omega 10C (155/80)	4.72 x 3.15	XS03-365111S000000	750/5A, 10VA/1.0
Omega 10C (155/80)	4.72 x 3.15	XS03-375111S000000	800/5A, 10VA/1.0
Omega 10C (155/80)	4.72 x 3.15	XS03-395131S000000	1000/5A, 15VA/1.0
Omega 10C (155/80)	4.72 x 3.15	XS03-405151S000000	1200/5A, 30VA/1.0
Omega 10C (155/80)	4.72 x 3.15	XS03-415151S000000	1250/5A, 30VA/1.0
Omega 10C (155/80)	4.72 x 3.15	XS03-425161S000000	1500/5A, 45VA/1.0
Omega 10C (155/80)	4.72 x 3.15	XS03-435161S000000	1600/5A, 45VA/1.0
Omega 10C (155/80)	4.72 x 3.15	XS03-445161S000000	2000/5A, 45VA/1.0
Omega 10C (155/80)	4.72 x 3.15	XS03-465161S000000	2500/5A, 45VA/1.0
Omega 10C (155/80)	4.72 x 3.15	XS03-485161S000000	3000/5A, 45VA/1.0

MPN - Split Core Current Transformer

Omega 10D

Model	Busbar	MPN	Description
Omega 10D (195/80)	6.3 x 3.15	XS04-325025S000000	500/5A, 1.25VA/0.5
Omega 10D (195/80)	6.3 x 3.15	XS04-335025S000000	600/5A, 1.25VA/0.5
Omega 10D (195/80)	6.3 x 3.15	XS04-365085S000000	750/5A, 5VA/0.5
Omega 10D (195/80)	6.3 x 3.15	XS04-375105S000000	800/5A, 7.5VA/0.5
Omega 10D (195/80)	6.3 x 3.15	XS04-395115S000000	1000/5A, 10VA/0.5
Omega 10D (195/80)	6.3 x 3.15	XS04-405135S000000	1200/5A, 15VA/0.5
Omega 10D (195/80)	6.3 x 3.15	XS04-415135S000000	1250/5A, 15VA/0.5
Omega 10D (195/80)	6.3 x 3.15	XS04-425145S000000	1500/5A, 20VA/0.5
Omega 10D (195/80)	6.3 x 3.15	XS04-435145S000000	1600/5A, 20VA/0.5
Omega 10D (195/80)	6.3 x 3.15	XS04-445205S000000	2000/5A, 25VA/0.5
Omega 10D (195/80)	6.3 x 3.15	XS04-465205S000000	2500/5A, 25VA/0.5
Omega 10D (195/80)	6.3 x 3.15	XS04-485155S000000	3000/5A, 30VA/0.5
Omega 10D (195/80)	6.3 x 3.15	XS04-515155S000000	4000/5A, 30VA/0.5
Omega 10D (195/80)	6.3 x 3.15	XS04-525155S000000	5000/5A, 30VA/0.5
Omega 10D (195/80)	6.3 x 3.15	XS04-325081S000000	500/5A, 5VA/1.0
Omega 10D (195/80)	6.3 x 3.15	XS04-335081S000000	600/5A, 5VA/1.0
Omega 10D (195/80)	6.3 x 3.15	XS04-365111S000000	750/5A, 10VA/1.0
Omega 10D (195/80)	6.3 x 3.15	XS04-375111S000000	800/5A, 10VA/1.0
Omega 10D (195/80)	6.3 x 3.15	XS04-395141S000000	1000/5A, 20VA/1.0
Omega 10D (195/80)	6.3 x 3.15	XS04-405141S000000	1200/5A, 20VA/1.0
Omega 10D (195/80)	6.3 x 3.15	XS04-415141S000000	1250/5A, 20VA/1.0
Omega 10D (195/80)	6.3 x 3.15	XS04-425151S000000	1500/5A, 30VA/1.0
Omega 10D (195/80)	6.3 x 3.15	XS04-435151S000000	1600/5A, 30VA/1.0
Omega 10D (195/80)	6.3 x 3.15	XS04-445151S000000	2000/5A, 30VA/1.0
Omega 10D (195/80)	6.3 x 3.15	XS04-465151S000000	2500/5A, 30VA/1.0
Omega 10D (195/80)	6.3 x 3.15	XS04-485161S000000	3000/5A, 45VA/1.0
Omega 10D (195/80)	6.3 x 3.15	XS04-515161S000000	4000/5A, 45VA/1.0
Omega 10D (195/80)	6.3 x 3.15	XS04-525161S000000	5000/5A, 45VA/1.0

MPN - Split Core Current Transformer

Omega 10E

Model	Busbar	MPN	Description
Omega 10E (105/50)	2.16 x 1.69	XS05-075035S000000	200/5A, 1.5VA/0.5
Omega 10E (105/50)	2.16 x 1.69	XS05-105055S000000	250/5A, 2.5VA/0.5
Omega 10E (105/50)	2.16 x 1.69	XS05-115055S000000	300/5A, 2.5VA/0.5
Omega 10E (105/50)	2.16 x 1.69	XS05-145085S000000	400/5A, 5VA/0.5
Omega 10E (105/50)	2.16 x 1.69	XS05-155085S000000	500/5A, 5VA/0.5
Omega 10E (105/50)	2.16 x 1.69	XS05-165095S000000	600/5A, 6.25VA/0.5
Omega 10E (105/50)	2.16 x 1.69	XS05-195105S000000	750/5A, 7.5VA/0.5
Omega 10E (105/50)	2.16 x 1.69	XS05-205105S000000	800/5A, 7.5VA/0.5
Omega 10E (105/50)	2.16 x 1.69	XS05-015031S000000	100/5A, 1.5VA/1.0
Omega 10E (105/50)	2.16 x 1.69	XS05-035031S000000	125/5A, 1.5VA/1.0
Omega 10E (105/50)	2.16 x 1.69	XS05-055171S000000	150/5A, 1.75VA/1.0
Omega 10E (105/50)	2.16 x 1.69	XS05-075071S000000	200/5A, 3.75VA/1.0
Omega 10E (105/50)	2.16 x 1.69	XS05-105081S000000	250/5A, 5VA/1.0
Omega 10E (105/50)	2.16 x 1.69	XS05-115081S000000	300/5A, 5VA/1.0
Omega 10E (105/50)	2.16 x 1.69	XS05-145101S000000	400/5A, 7.5VA/1.0
Omega 10E (105/50)	2.16 x 1.69	XS05-155101S000000	500/5A, 7.5VA/1.0
Omega 10E (105/50)	2.16 x 1.69	XS05-165111S000000	600/5A, 10VA/1.0
Omega 10E (105/50)	2.16 x 1.69	XS05-195121S000000	750/5A, 12.5VA/1.0
Omega 10E (105/50)	2.16 x 1.69	XS05-205121S000000	800/5A, 12.5VA/1.0



sifam tinsley
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