

OSI FLEXIBLE SPLIT-CORE CURRENT TRANSFORMERS

PROVIDES SAFE CONVENIENT INSTALLATION

DESCRIPTION

The OSI flexible split-core current transformers provide the lowest cost installation available. The transformers are made of a silicon steel core which allows the units to actually be split and twisted around existing conductors for installation. The units are encapsulated in silicon rubber to protect against moisture, dirt, oil, and corona and are suitable for outdoor installation. The transformers are secondary limited to 40Vac eliminating the concern of high secondary potential in open circuit situations. These units are available with inside diameters of four, six, eight, or eleven inches and primary current ranges of 200 amperes to 6000 amperes. All units have 5 ampere secondaries and can be used with any OSI current or watt transducer with a 5 ampere input.

FEATURES

- Flexible split-core configuration provides for easy installation on large conductors.
- Unit is encapsulated in silicon rubber to protect against moisture, dirt, oil, and corona.
- Suitable for indoor or outdoor installation.
- Secondary open circuit voltage limited to 40Vac.

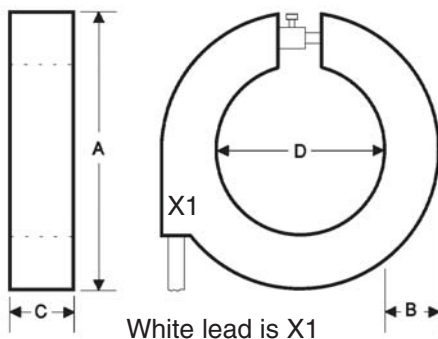
APPLICATIONS

- For use with any indicating device or ammeter which is designed for 5 Amp input.
- Ideal for use with watt transducers, current transducers, and energy management systems.



CURRENT RATIO	ACCURACY AT 60HZ. (%)	BURDEN AT 60HZ. (VA)	THERMAL FACTOR	PART NUMBER	WT. (LBS.)	TRANSFORMER DIMENSIONS (INCHES)			
						A	B	C	D
200:5	4.0	2.0	1.25	13084	3.50	6.5	1.25	1.50	4.0
300:5	4.0	2.0	1.25	12511	3.50	6.5	1.25	1.50	4.0
	4.0	2.0	1.25	12520	4.25	8.5	1.25	1.50	6.0
400:5	3.0	2.0	1.25	12512	3.50	6.5	1.25	1.50	4.0
	3.0	2.0	1.25	12521	4.25	8.5	1.25	1.50	6.0
500:5	3.0	3.0	1.25	12513	3.50	6.5	1.25	1.50	4.0
	3.0	3.0	1.25	12522	4.25	8.5	1.25	1.50	6.0
600:5	2.0	5.0	1.25	12514	3.50	6.5	1.25	1.50	4.0
	2.0	5.0	1.25	12523	4.25	8.5	1.25	1.50	6.0
800:5	2.0	5.0	1.25	12515	3.50	6.5	1.25	1.50	4.0
	2.0	5.0	1.25	12524	4.25	8.5	1.25	1.50	6.0
1000:5	1.0	5.0	1.25	12516	3.50	6.5	1.25	1.50	4.0
	1.0	5.0	1.25	12525	4.25	8.5	1.25	1.50	6.0
1200:5	1.0	5.0	1.25	12517	3.50	6.5	1.25	1.50	4.0
	1.0	5.0	1.25	12526	4.25	8.5	1.25	1.50	6.0
1500:5	1.0	15.0	1.25	12518	3.50	6.5	1.25	1.50	4.0
	1.0	15.0	1.25	12527	4.25	8.5	1.25	1.50	6.0
	1.0	15.0	1.25	12534	5.50	10.5	1.25	1.50	8.0
2000:5	1.0	25.0	1.25	12519	3.50	6.5	1.25	1.50	4.0
	1.0	25.0	1.25	12528	4.25	8.5	1.25	1.50	6.0
	1.0	25.0	1.25	12535	5.50	10.5	1.25	1.50	8.0
2500:5	1.0	35.0	1.25	12529	4.25	8.5	1.25	1.50	6.0
	1.0	35.0	1.25	12536	5.50	10.5	1.25	1.50	8.0
3000:5	1.0	45.0	1.25	12530	4.25	8.5	1.25	1.50	6.0
	1.0	45.0	1.25	12537	5.50	10.5	1.25	1.50	8.0
	1.0	45.0	1.25	12542	7.50	13.5	1.25	1.50	11.0
3500:5	1.0	45.0	1.25	12531	4.25	8.5	1.25	1.50	6.0
	1.0	45.0	1.25	12538	5.50	10.5	1.25	1.50	8.0
	1.0	45.0	1.25	12543	7.50	13.5	1.25	1.50	11.0
4000:5	1.0	45.0	1.25	12532	4.25	8.5	1.25	1.50	6.0
	1.0	45.0	1.25	12539	5.50	10.5	1.25	1.50	8.0
	1.0	45.0	1.25	12544	7.50	13.5	1.25	1.50	11.0
5000:5	1.0	45.0	1.25	12533	4.25	8.5	1.25	1.50	6.0
	1.0	45.0	1.25	12540	5.50	10.5	1.25	1.50	8.0
	1.0	45.0	1.25	12546	7.50	13.5	1.25	1.50	11.0
6000:5	1.0	45.0	1.25	12541	5.50	10.5	1.25	1.50	8.0
	1.0	45.0	1.25	12547	7.50	13.5	1.25	1.50	11.0

UL Models are available. Consult factory.



SPECIFICATIONS

- Frequency 50 - 400 Hz.
 Insulation 600Vac
 Leads 12 Ft. length
 Terminals Spade terminal
 Construction
 Core Directional silicon steel
 Secondary Copper
 Casing Silicon rubber, flexibility maintained
 over -45°C to +200°C temperature range

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OSI FLEXIBLE SPLIT-CORE CURRENT TRANSFORMERS

RECTANGULAR WINDOW (BUS BAR) MODELS

DESCRIPTION

The OSI flexible split-core current transformers provide the lowest cost installation available. The transformers are made of a silicon steel core which allows the units to actually be split and twisted around existing conductors for installation. The units are encapsulated in silicon rubber to protect against moisture, dirt, oil, and corona and are suitable for outdoor installation. The transformers are secondary limited to 40Vac eliminating the concern of high secondary potential in open circuit situations. These units are available with a 2.75 inch rectangular window and primary current ranges of 500 amperes to 5000 amperes. All units have 5 ampere secondaries and can be used with any OSI current or watt transducer with a 5 ampere input.

FEATURES

- Flexible split-core configuration provides for easy installation on large conductors.
- Unit is encapsulated in silicon rubber to protect against moisture, dirt, oil, and corona.
- Suitable for indoor or outdoor installation.
- Secondary open circuit voltage limited to 40Vac.

APPLICATIONS

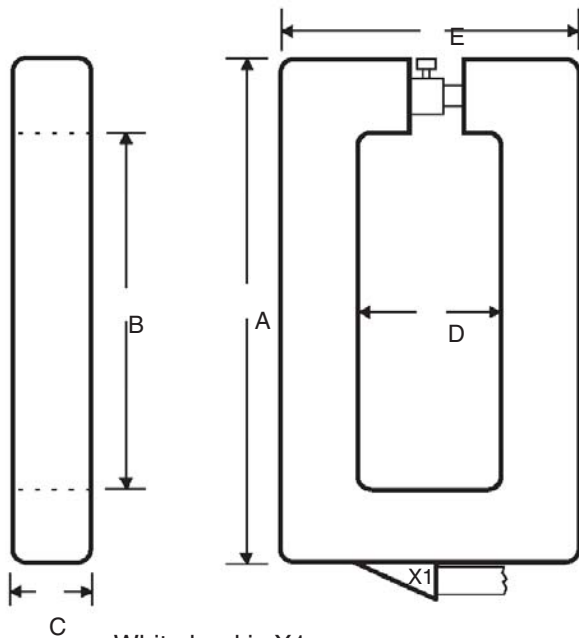
- For use with any indicating device or ammeter which is designed for 5 Amp input.
- Ideal for use with watt transducers, current transducers, and energy management systems.



50/60 Hz FLEXIBLE CURRENT TRANSFORMER

CURRENT RATIO	ACCURACY AT 60HZ. (%)	BURDEN AT 60HZ. (VA)	THERMAL FACTOR	PART NUMBER	WT. (LBS.)	TRANSFORMER DIMENSIONS (INCHES)				
						A	B	C	D	E
500:5	3.0	3.0	1.25	12599	4.25	9.375	6.625	1.50	2.75	5.50
600:5	2.0	3.0	1.25	12600	4.25	9.375	6.625	1.50	2.75	5.50
800:5	2.0	5.0	1.25	12601	4.25	9.375	6.625	1.50	2.75	5.50
1000:5	1.0	5.0	1.25	12602	4.25	9.375	6.625	1.50	2.75	5.50
1200:5	1.0	5.0	1.25	12603	4.25	9.375	6.625	1.50	2.75	5.50
1500:5	1.0	15.0	1.25	12604	4.25	9.375	6.625	1.50	2.75	5.50
2000:5	1.0	25.0	1.25	12605	4.25	9.375	6.625	1.50	2.75	5.50
2500:5	1.0	35.0	1.25	12606	4.25	9.375	6.625	1.50	2.75	5.50
3000:5	1.0	45.0	1.25	12607	4.25	9.375	6.625	1.50	2.75	5.50
3500:5	1.0	45.0	1.25	12608	4.25	9.375	6.625	1.50	2.75	5.50
4000:5	1.0	45.0	1.25	12609	4.25	9.375	6.625	1.50	2.75	5.50
5000:5	1.0	45.0	1.25	12610	4.25	9.375	6.625	1.50	2.75	5.50

SENSOR DIMENSIONS



White lead is X1

SPECIFICATIONS

Frequency 50 - 400 Hz.
 Insulation 600Vac
 Leads 12 Ft. length
 Terminals Spade terminal
 Construction
 Core Directional silicon steel
 Secondary Copper
 Casing Silicon rubber, flexibility maintained over -45°C to +200°C temperature range

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