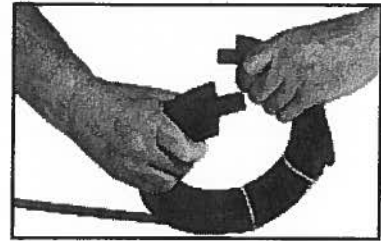
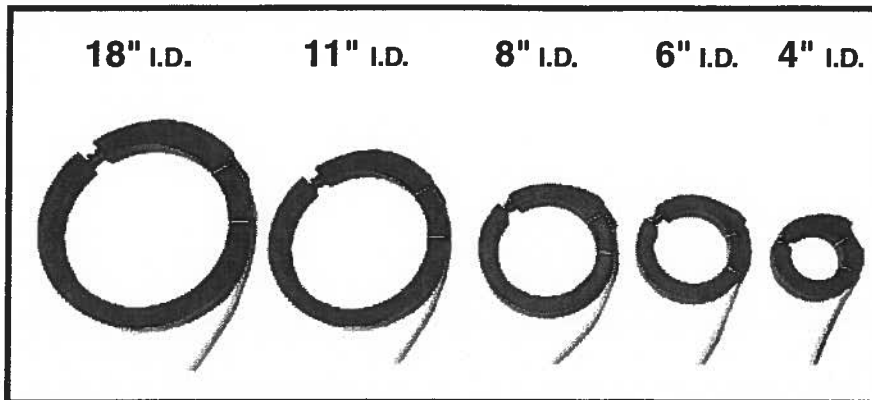


CURRENT TRANSFORMERS

SPLIT CORE CURRENT TRANSFORMERS

MODEL FC



Note: Open split-core with a twisting motion only.

DESCRIPTION: This split-core current transformer was designed for easy installation on large bus or wire conductors in order to make electrical load surveys or for continuous monitoring of current.

APPLICATION: To be used with any 5 amp indicating or recording ammeter or amp or watt transducer.

CONSTRUCTION: Directional silicon steel is used for the flexible core. Secondary windings are of copper. Unit is encapsulated in silicone rubber which protects against moisture, dirt, oil and corona. Remains flexible from - 45° to + 200° C.

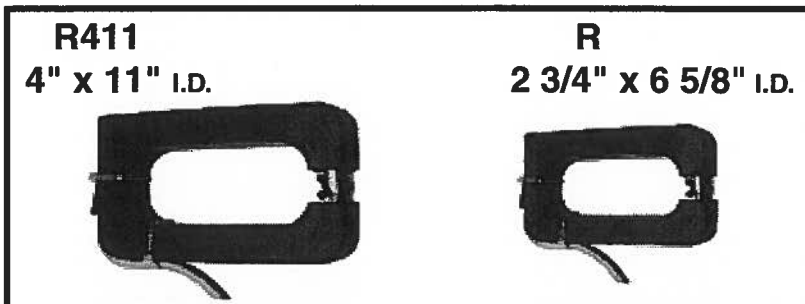
INSULATION LEVEL: 600VAC - can be used over insulated conductors on higher voltage circuits. Rubber inserts are available for a more precise fit to your conductor.

FREQUENCY: 50-400Hz

SAFETY FACTOR: A self-contained voltage clamping circuit prevents dangerous high voltage across the secondary windings in case of accidental opening of the output leads when the primary circuit is energized. This circuit will trigger within 10 microseconds when the secondary voltage rises to 40 volts or more, clamping the output to less than 1 volt.

SECONDARY LEADS: 12 feet long with spade connectors. Custom lead lengths are available.

COLOR: Transformer (red) - leads (yellow)



- Other Ratios Available
- Seven Opening Sizes
- 1, 3, or 5 Amp. Secondaries
- Dual Tap Ratios Available
- Loop Coil Multiplier Available
- For Indoor or Outdoor Use
- Most Ratios Stocked
- 0-1 Volt AC Output Available
- 0-.333 Volt Ac Output Available
- Custom Inserts Available



OTHER APPLICATIONS

- Watt Transducer
- Current Transducer
- KWH Meter
- Demand Meter
- Energy Management Systems
- Power Factor Meter
- Current Sensing Relays

ORDERING INFORMATION

FC - X X X X / X - X

RATIO

I.D.

4 - 6 - 8 - 11 - 18 - R - R411

Note: Open split-core with a twisting motion only.



OHIO SEMITRONICS, INC.

4242 REYNOLDS DRIVE * HILLIARD, OHIO * 43026-1264
 PHONE: (614) 777-1005 * FAX: (614) 777-4511
 WWW.OHIOSEMITRONICS.COM * 1-800-537-6732

CURRENT TRANSFORMERS

MODEL FC

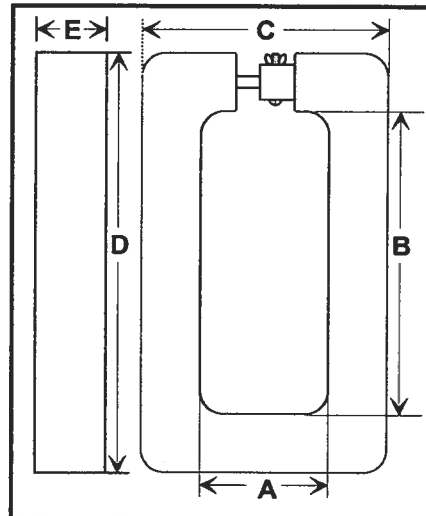
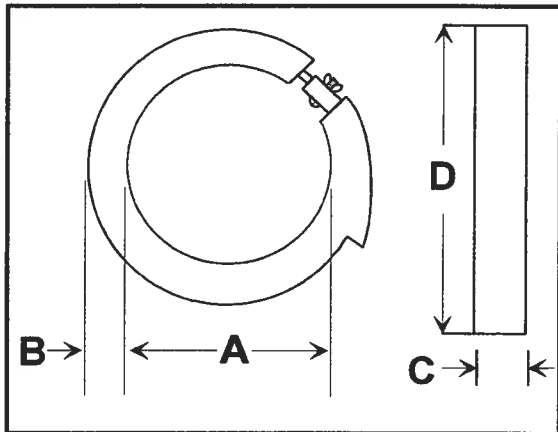
CURRENT TRANSFORMERS

SPECIFICATIONS:

CURRENT RATIO	INSIDE DIAMETER								BURDEN CAPACITY	ACCURACY	THERMAL FACTOR
	ROUND					RECTANGLE					
	4"	6"	8"	11"	18"	2 3/4"x6 5/8"	4"x11"				
200/5	X	-	-	-	-	-	-	2VA	4%	1.25	
250/5	X	-	-	-	-	-	-	2VA	4%	1.25	
300/5	X	X	-	-	-	-	-	2VA	4%	1.25	
400/5	X	X	-	-	-	X	-	2VA	3%	1.25	
500/5	X	X	-	-	-	X	-	3VA	3%	1.25	
600/5	X	X	-	-	-	X	-	5VA	2%	1.25	
800/5	X	X	-	-	-	X	-	5VA	2%	1.25	
1000/5	X	X	X	-	-	X	-	5VA	1%	1.25	
1200/5	X	X	X	-	-	X	-	5VA	1%	1.25	
1500/5	X	X	X	X	-	X	-	15VA	1%	1.25	
1600/5	X	X	X	X	-	X	-	15VA	1%	1.25	
2000/5	X	X	X	X	X	X	X	25VA	1%	1.25	
2400/5	-	X	X	X	X	X	X	30VA	1%	1.25	
2500/5	-	X	X	X	X	X	X	35VA	1%	1.25	
3000/5	-	X	X	X	X	X	X	45VA	1%	1.25	
3500/5	-	X	X	X	X	X	X	45VA	1%	1.25	
4000/5	-	X	X	X	X	X	X	45VA	1%	1.25	
5000/5	-	X	X	X	X	X	X	45VA	1%	1.25	
6000/5	-	X	X	X	X	X	X	45VA	1%	1.25	

AVERAGE WEIGHT	4"	6"	8"	11"	18"	(R) 2 3/4"x6 5/8"	(R411) 4"x11"
	3.5 lbs.	4.25 lbs.	5.5 lbs.	7.5 lbs.	17 lbs.	4.25 lbs.	6.25 lbs.

OUTLINE DIMENSIONS:



INSIDE DIAMETER	ROUND				INSIDE DIAMETER	RECTANGLE				MODEL
A	B	C	D	A	B	C	D	E		
4	1 1/4	1 1/2	6 1/2	2 3/4	6 5/8	5 1/2	9 3/8	1 1/2	-R	
6	1 1/4	1 1/2	8 1/2	4	11	6 1/2	13 3/8	1 1/2	-R411	
8	1 1/4	1 1/2	10 1/2	ALL DIMENSIONS IN INCHES Black Wire = X1 White Wire = X2						
11	1 1/4	1 1/2	13 1/2							
18	1 1/4	1 1/2	20 1/2							

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