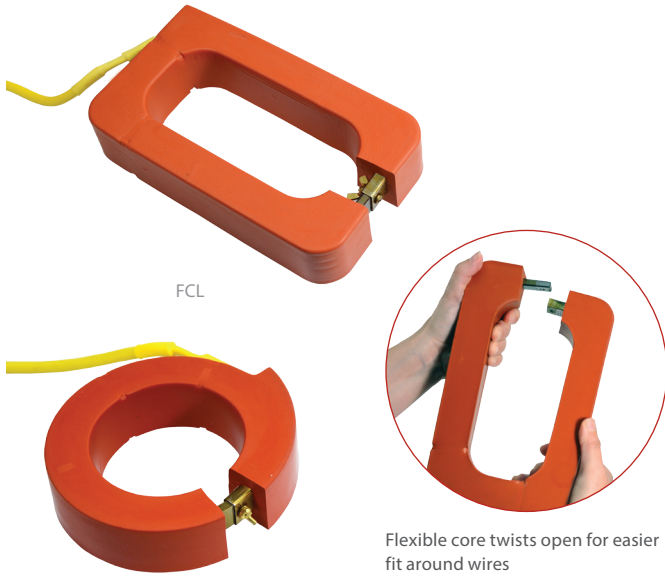


## FCL SERIES

Flexible Split-core Design for Large Size Applications



## Multiple sizes

Multiple sizes to fit your applications

## Easy installation

Flexible core design

## Compatible with existing systems

Output available in 5 A, 1 V, or 0.333 V

### APPLICATIONS

- Data logging
- Recording
- Power monitoring
- Energy management
- Alternative energy monitoring
- Cost allocation

FCL round and rectangular flexible CTs are designed for large bus and large wire applications where standard sized CTs will not fit.

### SPECIFICATIONS

#### INPUTS

Frequency Range	50 to 400 Hz
Leads	12 ft. (3.7 m)

#### ACCURACY

Accuracy	Varies at full scale (see Ordering Information)
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#### OUTPUTS

Output at Rated Current	5 A, 0.333 Vac, or 1 Vac
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#### MECHANICAL

Insulation	600 Vac
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#### ENVIRONMENTAL

Installation Category III	Pollution Degree 2
Operating Temp Range	-45 to 55 °C (-49 to 131 °F)
Storage Temp Range	-45 to 65 °C (-49 to 149 °F)

#### WARRANTY

Limited Warranty	15 months
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#### AGENCY APPROVALS

Agency Approvals	cURus, ANSI/IEEE 57.13, CE, RoHS
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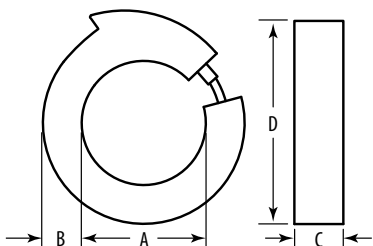


\*The CE mark indicates RoHS2 compliance. Please refer to the CE Declaration of Conformity for additional details.



### ROUND FLEXIBLE-CORE

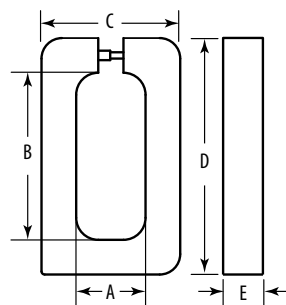
Dimensional Drawing



	-4 Model	-6 Model	-8 Model	-11 Model	-18 Model
A	4.0" (101 mm)	6.0" (152 mm)	8.0" (203 mm)	11.0" (279 mm)	18.0" (457 mm)
B	1.25" (32 mm)	1.25" (32 mm)	1.25" (32 mm)	1.25" (32 mm)	1.25" (32 mm)
C	1.5" (38 mm)	1.5" (38 mm)	1.5" (38 mm)	1.5" (38 mm)	1.5" (38 mm)
D	6.5" (165 mm)	8.5" (216 mm)	10.5" (267 mm)	13.5" (343 mm)	20.5" (521 mm)

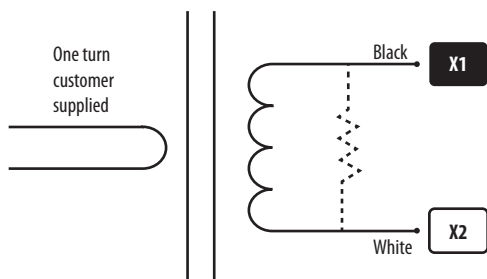
### RECTANGULAR FLEXIBLE-CORE

Dimensional Drawing



	-R Model	-R411 Model
A	2.75" (70 mm)	4.0" (101 mm)
B	6.6" (168 mm)	11.0" (279 mm)
C	5.5" (140 mm)	6.5" (165 mm)
D	9.4" (240 mm)	13.4" (340 mm)
E	1.5" (38 mm)	1.5" (38 mm)

### WIRING EXAMPLE



Notes:  
 This model uses X1 and X2 the opposite of other models in this catalog.  
 No resistor on 5 A models.

### ORDERING INFORMATION

Current	Output	I.D.
200 = 200 A	5 = 5A	4 = 5 A, Round, 4" (200 to 2000 A)
250 = 250 A	1V = 0-1VAC	6 = 5 A, Round, 6" (300 to 3000 A)
300 = 300 A	0.3V = 0-0.333VAC	8 = 5 A, Round, 8" (1000 to 5000 A)
400 = 400 A		11 = 5 A, Round, 11" (1500 to 6000 A)
500 = 500 A		18 = 5 A, Round, 18" (2000 to 6000 A)
600 = 600 A		R = 5 A, Rectangular, 2.75" x 6.625" (300 to 4000 A)
800 = 800 A		R411 = 5 A, Rectangular, 4" x 11" (1500 to 6000 A)
1000 = 1000 A		4 = 1 V, Round, 4" (200A to 1000 A)
1200 = 1200 A		6 = 1 V, Round, 6" (500 to 2000 A)
1500 = 1500 A		8 = 1 V, Round, 8" (1000 to 2000 A)
1600 = 1600 A		11 = 1 V, Round, 11" (1500 to 3500 A)
2000 = 2000 A		18 = 1 V, Round, 18" (2000 to 6000 A)
2400 = 2400 A		R = 1 V, Rectangular, 2.75" x 6.625" (500 to 1600 A)
2500 = 2500 A		R411 = 1 V, Rectangular, 4" x 11" (1000 to 2500 A)
3000 = 3000 A		4 = 0.3 V, Round, 4" (200 to 1500 A)
3500 = 3500 A		6 = 0.3 V, Round, 6" (500 to 4000 A)
4000 = 4000 A		8 = 0.3 V, Round, 8" (1000 to 6000 A)
5000 = 5000 A		11 = 0.3 V, Round, 11" (1500 to 6000 A)
6000 = 6000 A		18 = 0.3 V, Round, 18" (2000 to 6000 A)
		R = 0.3 V, Rectangular, 2.75" x 6.625" (500 to 4000 A)
		R411 = 0.3 V, Rectangular, 4" x 11" (1000 to 6000 A)

#### Accuracy at Full Scale

200:5 thru 300:5	.....4%
400:5 thru 500:5	.....3%
600:5 thru 800:5	.....2%
1000:5 thru 6000:5	.....1%
For 1 Vac and 0.333 Vac...1% at full scale	

Example:

FCL 2000 / 5 - 11

2000 A CT with 11" inside diameter and 5 A output

