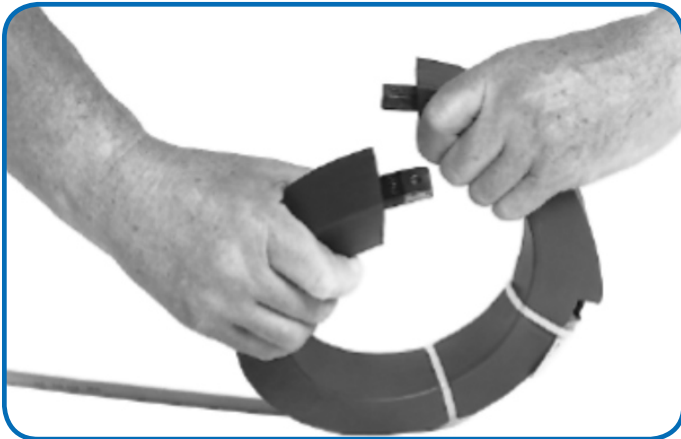
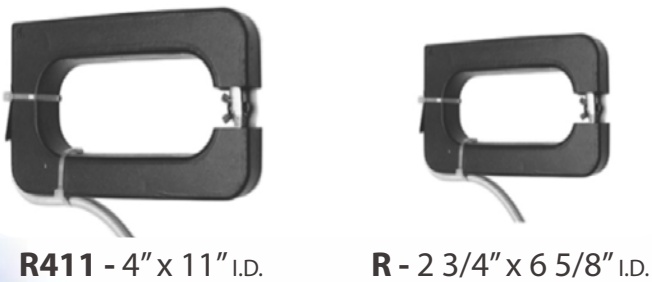


# ACT CT FCL

## Split-Core Current Transformers



**NOTE: Open Split-core with a twisting motion only.**



### ▶ FEATURES

- For Indoor or Outdoor Use
- Seven Opening Sizes
- 5 Amp Ratios for the ACT M200 meter
- Custom Inserts Available

### ▶ ORDERING INFORMATION

ACT FCL-XXXX/5-YYY

XXXX = Maximum Amperage 200, 400,800,1600 Amps

YYY= Inside Diameter in inches 04, 06, 08, R, R411

**Part Number Example:**

ACT FC-200/5-04

### ▶ 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.

**Insulation Level** ..... 0.72KV, BIL 10KV Full Wave

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

**Operating Temp. Range**..... -45°C to +55°C

**Altitude** .....4000 Meters

**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 Ft. with spade connectors  
*Custom lead lengths are available*

**Color**.....Transformer (red) - Leads (yellow)

**Remains flexible from -45° to +200°C,  
 Meets IEC 60044-1 Standards**

# ACT CT FCL

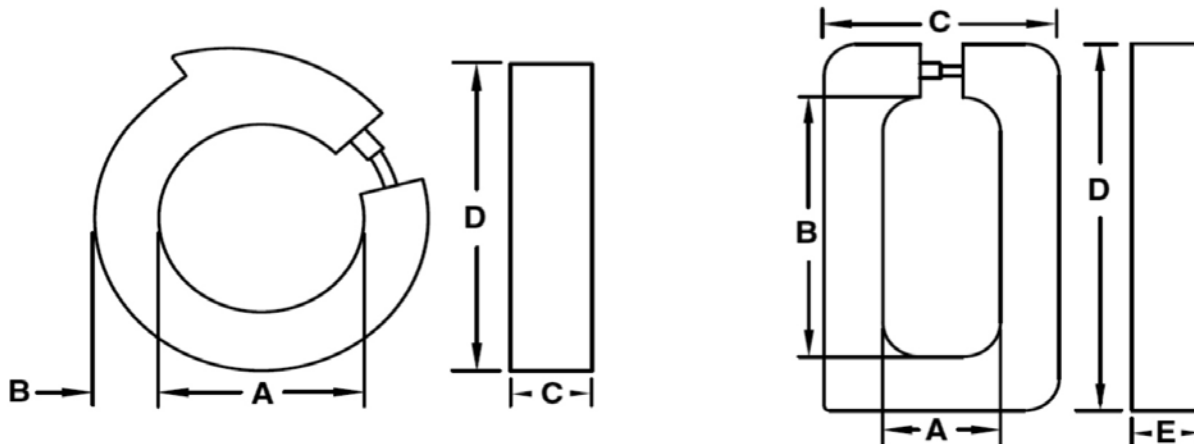
## Split-Core Current Transformers

### SPECIFICATIONS

CURRENT RATIO	INSIDE DIAMETER							BURDEN CAPACITY	ACCURACY	THERMAL FACTOR @30°C	THERMAL FACTOR @55°C
	ROUND					RECTANGLE					
	4"	6"	8"	11"	18"	-R	-R411				
200/5	X	-	-	-	-	-	-	2VA	4%	1.25	1.00
250/5	X	-	-	-	-	-	-	2VA	4%	1.25	1.00
300/5	X	X	-	-	-	-	-	2VA	4%	1.25	1.00
400/5	X	X	-	-	-	X	-	2VA	3%	1.25	1.00
500/5	X	X	-	-	-	X	-	3VA	3%	1.25	1.00
600/5	X	X	-	-	-	X	-	5VA	2%	1.25	1.00
800/5	X	X	-	-	-	X	-	5VA	2%	1.25	1.00
1000/5	X	X	X	-	-	X	-	5VA	1%	1.25	1.00
1200/5	X	X	X	-	-	X	-	5VA	1%	1.25	1.00
1500/5	X	X	X	X	-	X	X	15VA	1%	1.25	1.00
1600/5	X	X	X	X	-	X	X	15VA	1%	1.25	1.00
2000/5	X	X	X	X	X	X	X	25VA	1%	1.25	1.00
2400/5	-	X	X	X	X	X	X	30VA	1%	1.25	1.00
2500/5	-	X	X	X	X	X	X	35VA	1%	1.25	1.00
3000/5	-	X	X	X	X	X	X	45VA	1%	1.25	1.00
3500/5	-	X	X	X	X	X	X	45VA	1%	1.25	1.00
4000/5	-	X	X	X	X	X	X	45VA	1%	1.25	1.00
5000/5	-	X	X	X	X	X	X	45VA	1%	1.25	1.00
6000/5	-	X	X	X	X	X	X	45VA	1%	1.25	1.00

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.

### DIMENSIONS



INSIDE DIAMETER	CIRCULAR				MODEL
	A	B	C	D	
4	1 1/4	1 1/2	6 1/2	-4	
6	1 1/4	1 1/2	8 1/2	-6	
8	1 1/4	1 1/2	10 1/2	-8	
11	1 1/4	1 1/2	13 1/2	-11	
18	1 1/4	1 1/2	20 1/2	-18	

INSIDE DIAMETER	RECTANGULAR					MODEL
	A	B	C	D	E	
2 3/4	6 5/8	5 1/2	9 3/8	11/2	-R	
4	11	6 1/2	13 3/8	11/2	-R411	

All Dimensions In Inches  
 Black Wire = X1 (S1)  
 White Wire = X2 (S2)