

CURRENT TRANSFORMERS

METERING SPLIT CORE CURRENT TRANSFORMER *MODEL FCM*

- Lightweight Metering Class Split Core Current Transformer
- Most Ratios Meet Revenue Grade Accuracy**
- For Use Over Insulated Bus • For Indoor Use

MADE
IN U.S.A.



FEATURES



The FCM split core current transformers are designed for easy installation over busbar or cable to provide a precise representation of the primary current. There are solutions available for most commercially available meters and instrumentation.

APPLICATION

- High Accuracy Metering with Split Core Convenience

SPECIFICATIONS

Construction

Directional silicon steel is used for the core. Secondary windings are of copper. Unit is wrapped with heat set polyester and varnish impregnated.

Insulation Level.....0.6kV, 10kV BIL Full Wave

Frequency 60Hz

Thermal Factor Refer to Chart

Operating Temp Range..... 0°C to +105°C

Accuracy Refer to Chart

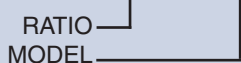
Secondary Terminals.....10-32 Screws (11 in. lbs. max)

Meets IEEE C57.13 Standards



ORDERING INFORMATION

FCM X X X X / X - X

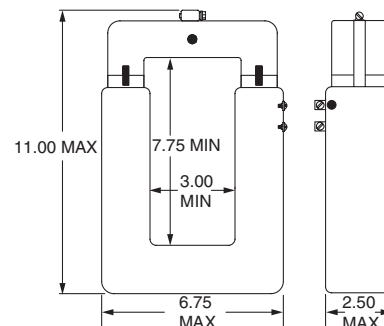


-R, -R411

Example: 5000A Split Core with
4"x11" Inside Diameter
FCM5000/5-R411

DIMENSIONS

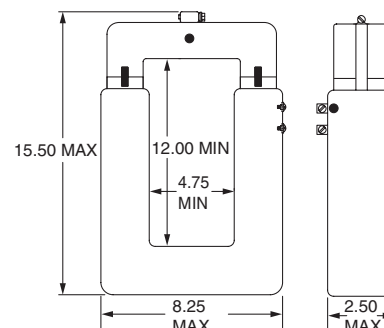
-R



Approx. Weight

-R.....16 Lbs.

-R411



Approx. Weight

-R411.....20 Lbs.

All dimensions in inches.

-R SPECIFICATIONS							
CATALOG NUMBER	CURRENT RATIO	ANSI METERING CLASS AT 60Hz					CONTINUOUS THERMAL RATING FACTOR @30°C
		B0.1	B0.2	B0.5	B0.9	B1.8	
FCM300/5-R	300:5	2.4	--	--	--	--	1.0
FCM400/5-R	400:5	1.2	--	--	--	--	1.0
FCM600/5-R	600:5	0.6	--	--	--	--	1.0
FCM800/5-R	800:5	0.6	--	--	--	--	1.0
FCM1000/5-R**	1000:5	0.3	0.6	--	--	--	1.0
FCM1200/5-R**	1200:5	0.3	0.3	0.6	--	--	1.0
FCM1500/5-R**	1500:5	0.3	0.3	0.6	--	--	1.0
FCM1600/5-R**	1600:5	0.3	0.3	0.6	--	--	1.0
FCM2000/5-R**	2000:5	0.3	0.3	0.3	0.6	--	1.0
FCM2500/5-R**	2500:5	0.3	0.3	0.3	0.3	0.6	1.0
FCM3000/5-R**	3000:5	0.3	0.3	0.3	0.3	0.3	1.0

-R411 SPECIFICATIONS							
CATALOG NUMBER	CURRENT RATIO	ANSI METERING CLASS AT 60Hz					CONTINUOUS THERMAL RATING FACTOR @30°C
		B0.1	B0.2	B0.5	B0.9	B1.8	
FCM600/5-R411	600:5	0.6	--	--	--	--	1.0
FCM800/5-R411	800:5	0.6	--	--	--	--	1.0
FCM1000/5-R411**	1000:5	0.3	0.6	--	--	--	1.0
FCM1200/5-R411**	1200:5	0.3	0.3	0.6	--	--	1.0
FCM1500/5-R411**	1500:5	0.3	0.3	0.6	--	--	1.0
FCM1600/5-R411**	1600:5	0.3	0.3	0.6	--	--	1.0
FCM2000/5-R411**	2000:5	0.3	0.3	0.3	0.6	--	1.0
FCM2500/5-R411**	2500:5	0.3	0.3	0.3	0.3	0.6	1.0
FCM3000/5-R411**	3000:5	0.3	0.3	0.3	0.3	0.3	1.0
FCM4000/5-R411**	4000:5	0.3	0.3	0.3	0.3	0.3	1.0
FCM5000/5-R411**	5000:5	0.3	0.3	0.3	0.3	0.3	1.0

NOTE: Accuracy of CT is dependent on proper installation and placement of primary conductor(s).

FLEX-CORE®

Div. Morlan & Associates, Inc.

4970 Scioto Darby Rd. Hilliard, Ohio 43026

WWW.FLEX-CORE.COM

sales@flex-core.com

PHONE (614) 889-6152

TECH. ASSISTANCE (614) 876-8308

FAX # (614) 876-8538