CURRENT TRANSFORMERS

METERING SPLIT CORE CURRENT TRANSFORMER *MODEL* FCM

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

MADE IN U.S.A.

RoHS COMPLIANT

FEATURES

c UL us E186575

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

-R SPECIFICATIONS							
CATALOG NUMBER	CURRENT RATIO	ANSI METERING CLASS AT 60Hz					CONTINUOUS THERMAL RATING FACTOR
		B0.1	B0.2	B0.5	B0.9	B1.8	@30°C
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
		B0.1	B0.2	B0.5	B0.9	B1.8	@30°C
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

-Certified test reports available for purchase upon request.
-Remove shorting strap before energizing CT.

ORDERING INFORMATION

FCM X X X X / X - X

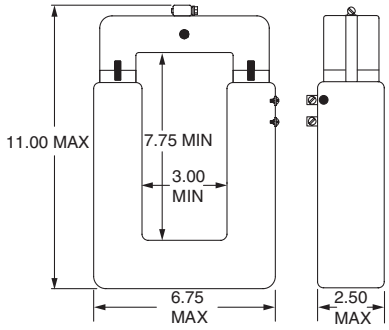
RATIO
MODEL

-R, -R411

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

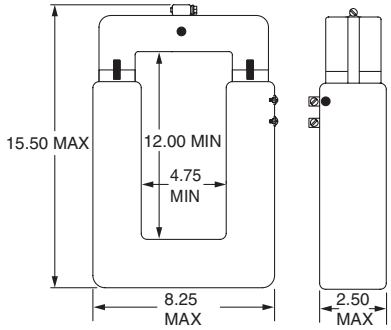
DIMENSIONS

-R



Approx. Weight
-R.....16 Lbs.

-R411



Approx. Weight
-R411.....20 Lbs.

All dimensions in inches.

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