

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

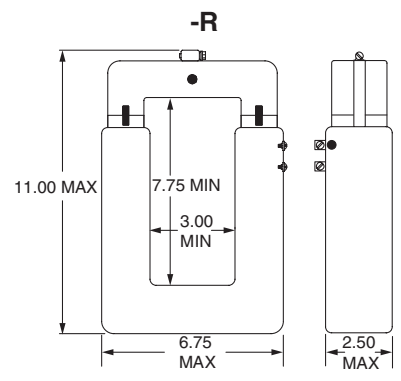
FCM X X X X / X - X



-R, -R411

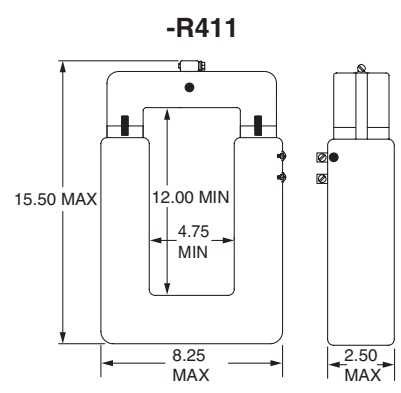
Example: 5000A Split Core with
4"x11" Inside Diameter
FCM5000/5-R411

DIMENSIONS



Approx. Weight

-R.....16 Lbs.



Approx. Weight

-R411.....20 Lbs.

| -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).

All dimensions in inches.

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