

CURRENT TRANSFORMERS

RELAY/METER CLASS SPLIT CORE CURRENT TRANSFORMER

MODEL FCR-R411-MR

- For Indoor Use
- Multi-Ratio • Select Ratios Are Revenue Grade

MADE
IN U.S.A.



FEATURES

These multi-ratio 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.

APPLICATIONS

- Watt Transducer
- Current Transducer
- KWH Meter
- Demand Meter
- Power Factor Meter
- Current Sensing Relays
- Energy Management Systems

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

Continuous Thermal Rating Factor @ 30°C1.33

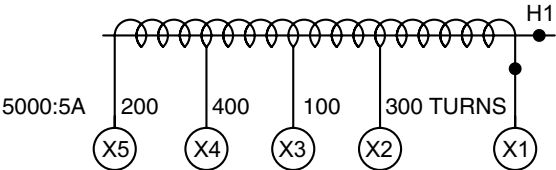
Operating Temp Range.....0°C to +105°C

AccuracyRefer to Chart

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

Meets IEEE C57.13 Standards

CONNECTIONS



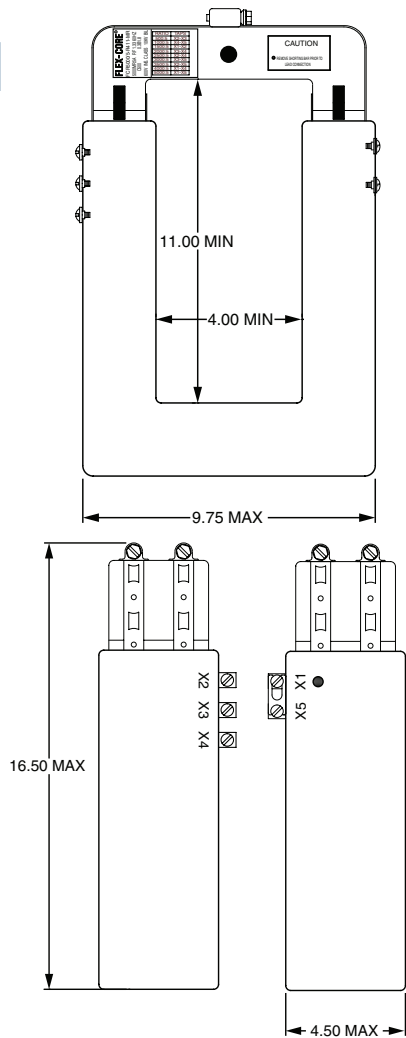
FCR5000/5-R411-MR								
CATALOG NUMBER	CURRENT RATIO	TAPS	RELAY CLASS	ANSI METERING CLASS AT 60Hz				
FCR5000/5-R411-MR	500:5	X2-X3	C50	B0.1	B0.2	B0.5	B0.9	B1.8
	1000:5	X4-X5	C100	0.6	1.2	--	--	--
	1500:5	X1-X2	C150	0.3	0.3	0.6	--	--
	2000:5	X3-X4	C200	0.3	0.3	0.3	0.6	0.6
	2500:5	X2-X4	C250	0.3	0.3	0.3	0.3	0.3
	3000:5	X3-X5	C300	0.3	0.3	0.3	0.3	0.3
	3500:5	X2-X5	C300	0.3	0.3	0.3	0.3	0.3
	4000:5	X1-X4	C300	0.3	0.3	0.3	0.3	0.3
	5000:5	X1-X5	C400	0.3	0.3	0.3	0.3	0.3

- Certified test reports available for purchase upon request.
- Mounting kit available, contact factory for details.
- Remove shorting strap before energizing CT.



DIMENSIONS

MODEL FCR-R411-MR



All dimensions in inches.