

CURRENT TRANSFORMERS

RELAY/METER CLASS SPLIT CORE CURRENT TRANSFORMER *MODEL FCR-R-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

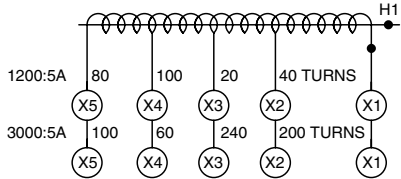
Accuracy Refer to Chart

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

Meets IEEE C57.13 Standards



CONNECTIONS



*** Metering accuracy can vary after installation. Stated metering classes below are based on optimal conditions.

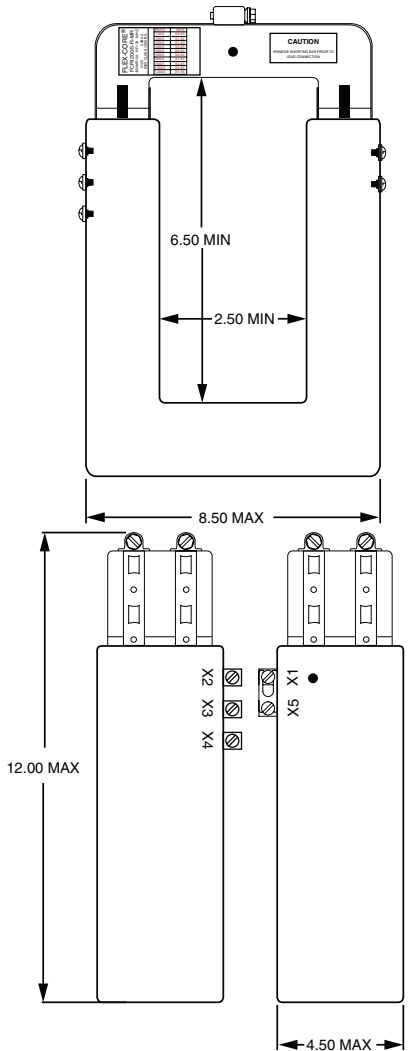
FCR1200/5-R-MR								
CATALOG NUMBER	CURRENT RATIO	TAPS	RELAY CLASS	ANSI METERING CLASS AT 60Hz				
FCR1200/5-R-MR	100:5	X2-X3	C10	2.4	--	--	--	--
	200:5	X1-X2	C20	2.4	--	--	--	--
	300:5	X1-X3	C30	1.2	--	--	--	--
	400:5	X4-X5	C50	1.2	--	--	--	--
	500:5	X3-X4	C50	0.6	--	--	--	--
	600:5	X2-X4	C75	0.6	--	--	--	--
	800:5	X1-X4	C100	0.3	0.6	--	--	--
	900:5	X3-X5	C100	0.3	0.6	--	--	--
	1000:5	X2-X5	C100	0.3	0.3	0.6	--	--
	1200:5	X1-X5	C125	0.3	0.3	0.6	--	--

FCR3000/5-R-MR								
CATALOG NUMBER	CURRENT RATIO	TAPS	RELAY CLASS	ANSI METERING CLASS AT 60Hz				
FCR3000/5-R-MR	300:5	X3-X4	C30	1.2	--	--	--	--
	500:5	X4-X5	C50	0.6	1.2	--	--	--
	800:5	X3-X5	C100	0.3	0.6	--	--	--
	1000:5	X1-X2	C100	0.3	0.3	--	--	--
	1200:5	X2-X3	C125	0.3	0.3	0.6	--	--
	1500:5	X2-X4	C150	0.3	0.3	0.3	0.6	--
	2000:5	X2-X5	C200	0.3	0.3	0.3	0.3	0.6
	2200:5	X1-X3	C225	0.3	0.3	0.3	0.3	0.3
	2500:5	X1-X4	C250	0.3	0.3	0.3	0.3	0.3
	3000:5	X1-X5	C300	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-R-MR



All dimensions in inches.

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