DIN RAIL / PANEL MOUNT, ACTIVE / REACTIVE







CR Magnetics has a wide selection of Current and Potential Transformers to extend the range of any part. The **CR6200** Series, Power Transducers and Transmitters are designed to provide a controlled output that is proportional to the average power. These devices are specifically targeted to provide an efficient solution to most power sensing needs. Units are designed for operation in systems with sinusoidal voltage and current wave forms.

Applications

Energy Management Motor Efficiency Multi-point power sensing Remote power sensing over long distances

Features

35mm DIN Rail or Panel Mount Ranges available for any power sensing need Active and Reactive power sensing 0 - 5 VDC and 4 - 20 mADC outputs Connection diagram printed on case

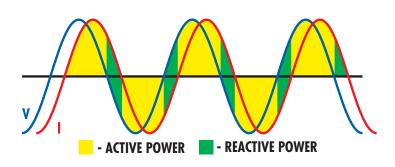
Regulatory Agencies

Recognized to meet UL 61010B-1 Constructed to meet CAN/CSA-C22.2, No. 61010-1-2004 Meets requirement of IEC 61010-1 and BS EN 61010-1









POWER TRANSDUCERS CAN BE ORDERED TO MEASURE ACTIVE OR REACTIVE POWER



Web: http://www.crmagnetics.com 52 E-mail: sales@crmagnetics.com

DIN RAIL / PANEL MOUNT, ACTIVE / REACTIVE

						Add suffix for input range	
PART NUMBERS						-	
CR6210	-		-		1 Phase, Active Power with 0 - 5 VDC Output]	
CR6211	-		-		1 Phase, Reactive Power with 0 - 5 VDC Output	150 - 0-150 VAC	
CR6220	-		-		1 Phase, Active Power with 4 - 20 mADC Output	250 - 0-250 VAC	
CR6221	-				1 Phase, Reactive Power with 4 - 20 mADC Output	500 - 0-500 VAC *	
CR6230	-		-		3-Phase, 3-Wire, Active Power with 0 - 5 VDC Output	Custom ranges available * not UL recognized	
CR6231	-		-		3-Phase, 3-Wire, Reactive Power with 0 - 5 VDC Output	i	
CR6240	-		-		3-Phase, 3-Wire, Active Power with 4 - 20 mADC Output	1 1	
CR6241	-		-		3-Phase, 3-Wire, Reactive Power with 4 - 20 mADC Output		
CR6250	-		-		3-Phase, 4-Wire, Active Power with 0 - 5 VDC Output		
CR6251	-		-		3-Phase, 4-Wire, Reactive Power with 0 - 5 VDC Output	4	
CR6260	-		-		3-Phase, 4-Wire, Active Power with 4 - 20 mADC Output	CR Magnetics has a wide selection	

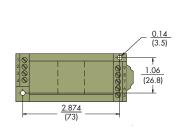
] - 🗀							
150	- 0-150 VAC							
250	- 0-250 VAC							
500	- 0-500 VAC *							
	Custom ranges available							
* '	* not UL recognized							
<u> </u>								
5	 0-5 AAC 							
25	 0-25 AAC 							

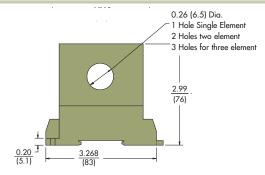
CR Magnetics has a wide selection of current and potential transformers to extend the range of any part.

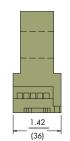
SPECIFICATIONS

Basic Accuracy: 0.5%	Cleaning:	Water-dampened	cloth
Linearity: 10% to 100% FS	Relative Humidity:	80% for temperat	ures up to
Thermal Drift: 500 PPM/°C		31°C and decrea	asing linearly
Operating Temperature: 0°C to +60°C		to 50% at 40°C	
Installation Category: CAT II	Supply Current:		
Vibration Tested To: IEC 60068-2-6,1995	CR6210:	Typical 35mA	Max 45mA
Pollution Degree:2	CR6220:	Typical 75mA	Max 110mA
Response Time:	CR6230:	Typical 50mA	Max 70mA
Supply Voltage: 12 to 24 VDC	CR6240:	Typical 75mA	Max 110mA
MTBF:Greater than 100 K hours	CR6250:	Typical 50mA	Max 70mA
Frequency Range:50 Hz - 400 Hz, sine wave	CR6260:	Typical 75mA	Max 120mA
Insulation Voltage: 2500 VDC	Torque Specs.:	3.0 inch lbs. (0.	4Nm)
Altitude:	Weight:	0.5 lbs.	
Load: 4-20 mADC -0 to 300 Ω			
0-5 VDC - 2K Ω or Greater			

3-Phase, 4-Wire, Reactive Power with 4 - 20 mADC Output







OUTLINE DRAWING

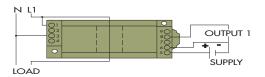
NOTE: The building installation must have a switch or circuit-breaker that is in close proximity and within easy reach of the operator. The switch or circuit breaker shall be marked as the disconnecting device for the equipment.



CR6261

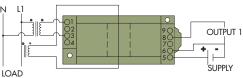
3500 Scarlet Oak Blvd. St. Louis MO USA 63122 V: 636-343-8518 F: 636-343-5119

DIN RAIL / PANEL MOUNT, AVERAGE SENSING



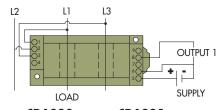
CR6210 CR6211

Single element, 0 - 10 VDC Output

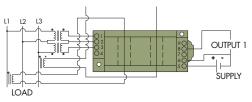


CR6210 CR6211

Single element, 0 - 5 VDC Output with external voltage transformers

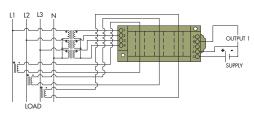


CR6230 CR6231 3 element - 3 Wire, 0 - 5 VDC Output



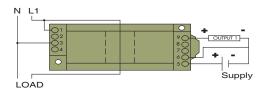
CR6230 CR6231

3 element - 3 Wire, 0 - 5 VDC Output shown with external voltage and current transformers



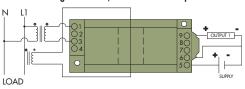
CR6250 CR6251

3 element - 4 Wire, 0 - 5 VDC Output shown with external voltage and current transformers



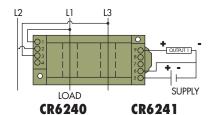
CR6220 CR6221

Single element, 4 - 20 mADC Output

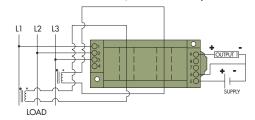


CR6220 CR6221

Single element, 4 - 20 mADC Output with external voltage transformers

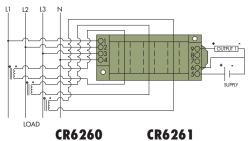


3 element - 3 Wire, 4 - 20 mADC output



CR6240 CR6241

3 element - 3 Wire, 4 - 20 mADC Output shown with external current transformer



3 element - 4 Wire, 4 - 20 mADC Output shown with external current transformers

CONNECTION DIAGRAMS



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