

THREE LINE LED DISPLAY



CRV4000 CRV4100 CRV4200
CRV4000 Series

Applications

Directly Connect to PLC
 Sense Motor Stalls and Short Circuits
 Industrial Instrumentation
 Process Control Loops
 Over and Under Trip Detection

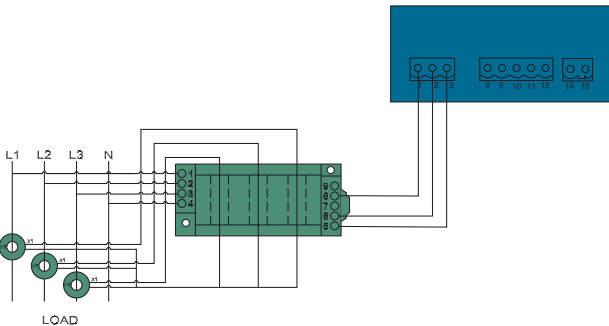
Features

1/8 DIN Case
 Available with Analog 4-20 mA or 0-10 VDC Outputs
 RS232 and RS485 Communication Available
 Select from 17 Different Inputs
 8 Different Types of Relay Outputs Available
 4 User Selectable Trip Points
 Trip Point Status Indicators on Front Panel
 Value Priced
 3 Button Programming from Front Panel

Regulatory Agencies



The TRIVIEW™ Series



Another HUNTINGTON ELECTRIC Company

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

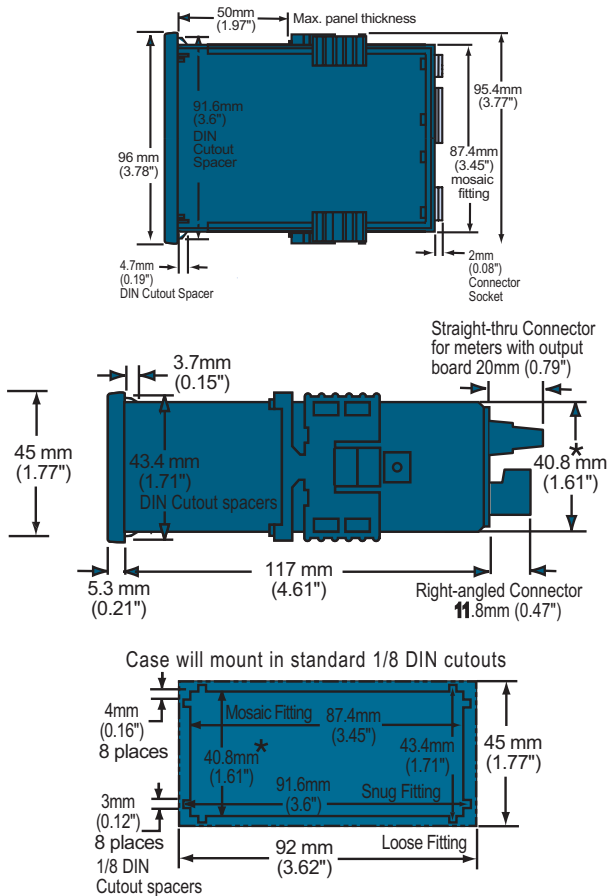
Web: <http://www.crmagnetics.com>

E-mail: sales@crmagnetics.com

Data View

THREE LINE LED DISPLAY

SPECIFICATIONS	
Input Specs.	Depends on Input signal conditioner
A/D Converter	17 bit Dual slope, Bipolar
Accuracy	±(0.05% of reading + 2 counts)
Temp. Coeff.	30 ppm/°C (Typical)
Warm up time	10 minutes
Conversation Rate	10 conversions per second (Typical)
Display	5-digit 0.31" Red LED display
Polarity	Assumed positive. Displays - negative
Decimal Selection	Front panel, user selectable to five positions
Positive Overrange	Top segments of digital display flash
Negative Overrange	Bottom Segments of digital display flash
Relay Output	Two 5 Amp Form C, or 5 Amp Form A relays
Analog Output	Isolated 16 bit user scalable mA or V
Power Supply	AC/DC Auto sensing wide range supply
Operating Temp	0 to 50°C
Relative Humidity	95% (non condensing)
Weight	11.5 oz.



OUTLINE DRAWING

PART NUMBERS					
TRIVIEW PANEL METER	CRVXXXX	-XX	-XX	-XX	-XX
DATA STREAM SERIES					
INPUT	CRV4000				
NO ANALOG INPUTS AVAILABLE					
RELAY OUTPUT					
Single 10 Amp Form C Relay Output			-R1		
Dual 10 Amp Form C Relay Output			-R2		
Triple 5 Amp Form A Relay Output			-R3		
Single 400 VAC/DC 140 mA SSR Output			-R4		
Dual 400 VAC/DC 140 mA SSR Output			-R5		
Triple 400 VAC/DC 140 mA SSR Output			-R6		
ANALOG OUTPUT					
0-10 VDC Ratiometric Process Output			-01		
4-20 mADC Ratiometric Process Output			-02		
COMMUNICATION					
NO RS232 OR RS485 COMMUNICATIONS AVAILABLE					
PROCESS SERIES					
INPUT	CRV4100				
Single 0-5 VDC Process Input					-P1
Dual 0-5 VDC Process Input					-P2
Triple 0-5 VDC Input					-P3
Single 4-20 mADC Process Input					-P4
Dual 4-20 mADC Process Input					-P5
Triple 4-20 mADC Process Input					-P6
RELAY OUTPUT					
Single 10 Amp Form C Relay Output			-R1		
Dual 10 Amp Form C Relay Output			-R2		
Triple 5 Amp Form A Relay Output		-R3			
Single 400 VAC/DC 140 mA SSR Output		-R4			
Dual 400 VAC/DC 140 mA SSR Output		-R5			
Triple 400 VAC/DC 140 mA SSR Output		-R6			
ANALOG OUTPUT					
0-10 VDC Ratiometric Process Output			-01		
4-20 mADC Ratiometric Process Output			-02		
COMMUNICATION					
RS232 Communications (5 DIGIT) Module		-S2			
RS485 Communications (5 DIGIT) Module		-S2			
DIRECT CONNECT SERIES					
INPUT	CRV4200				
AC Volts Input 600 VAC Average Sensing					-A1
AC Current Input 5 AAC Average Sensing					-A2
AC Volts Input 600 VAC TRMS Sensing					-A3
AC Current Input 5 AAC TRMS Sensing					-A4
DC Volts Input, Scalable, DC Voltage Sensing					-D1
DC Millivolt, Input, Scalable, DC Voltage Sensing					-D2
DC Amps Input, Scalable, DC Current Sensing					-D3
DC Milliamps Input, Scalable, DC Current Sensing					-D4
DC Volts Input, Scalable, DC Voltage Sensing					-D5
DC Milliamp Scalable, DC Current Sensing					-D6
RELAY OUTPUT					
Single 10 Amp Form C Relay Output			-R1		
Dual 10 Amp Form C Relay Output			-R2		
Triple 5 Amp Form A Relay Output		-R3			
Single 400 VAC/DC 140 mA SSR		-R4			
Dual 400 VAC/DC 140 mA SSR		-R5			
Triple 400 VAC/DC 140 mA SSR		-R6			
ANALOG OUTPUT					
0-10 VDC Ratiometric Process Output			-01		
4-20 mADC Ratiometric Process Output			-02		
COMMUNICATION					
RS232 Communications (5 DIGIT)		-S1			
RS485 Communications (5 DIGIT)		-S2			

Data View



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

Web: <http://www.crmagnetics.com>

E-mail: sales@crmagnetics.com