

Data Stream RS485 Digital Voltage Transducer

DIN RAIL / PANEL MOUNT



CRD4510

Single Element
150 to 300 VAC Input Range



CRD4550

Two Element
150 to 300 VAC Input Range



CRD4570

Three Element - .26" Window
150 to 300 VAC Input Range

The **CRD4500** Series Data Stream Digital Transducers are designed for applications where AC current waveforms are not purely sinusoidal. The digital technology is used to measure voltage, current, power frequency and energy in single and three phase designs. The data is streamed over an RS485 IEEE bus which enables multiple transducers to communicate thru a single master connection. These advanced sensors are ideal for entire plant or zone monitoring. Also, the communication algorithm can be pre-ordered with ASCII based control or modified MODBUS based control.

Sensing

True RMS Voltage, Each Phase

Applications

Sub-Metering
Motor Loads
Uninterruptible Power Systems
Remote Monitoring
Load Shedding
Energy Management

Features

35mm DIN Rail or Panel Mount
24 VDC powered
Use with external current transformers
Highest precision available
Connection diagram printed on case

Regulatory Agencies



PART NUMBERS

CRD4510	-		Single Element, AC Voltage RS485 Digital Transducer
CRD4550	-		Two Element, AC Voltage RS485 Digital Transducer
CRD4570	-		Three Element, AC RS485 Digital Transducer

└─ **150** - 0-150 VAC
 300 - 0-300 VAC
Available up to and including 600 VAC

**Note: Add an M at
the end for MODBUS
CRD4510-150-M**



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Data Stream

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1) RH 5% to 95%, non-condensing
2) 0.4% max. ripple Vpp
3) Factory default settings: address 01, baud rate 9600, no parity, no flow control, 1 stop bit

