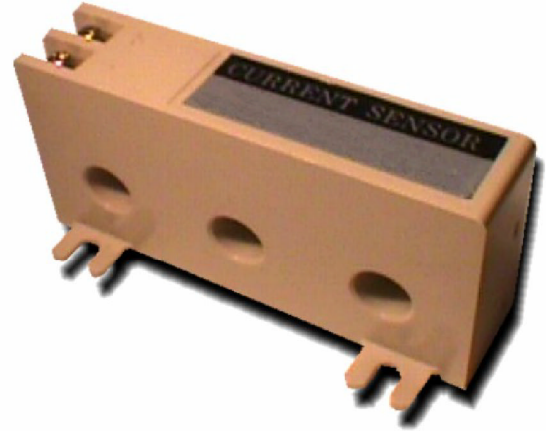


Description

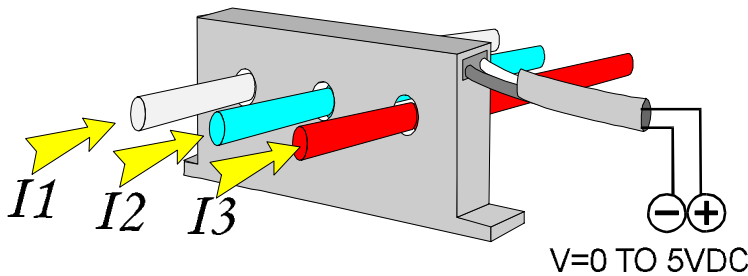
The **CS3 Current Sensor** is a solid state transducer which measures the current in all three phases, intended to give a more accurate indication of the power going to HVAC equipment. The output signal is 0-5VDC, proportional to the total average current through all three phases. The device generates its own power, so only two conductors are required. There are many models to choose from with 10A, 20A and 50A at 2% accuracy being the standard stocked items.

Features:

- Power supply is not required.
- Monitors all three phases.
- Direct connection to DDC systems.



Wiring Diagram



Specifications

Power Supply	Not required
Operating Temperature	-20 to 60°C
Operating Humidity	0 - 95% RH non-condensing
CT Material	ABS
CT Ranges Available:	
10	2-10 Amps
20	2-20 Amps
50	2-50 Amps
Output Signal	0-5 VDC, . . Porportional to avg current in all three phases
Accuracy	2%
Dimensions:	
CS3-10	3.0"H x 4.5"W x 0.5"D
CS3-20	3.0"H x 4.5"W x 0.5"D
CS3-50	3.0"H x 4.5"W x 0.75"D

Ordering Information

Specify:

- CS3-10** 2 - 10 AMP CURRENT SENSOR (3 PHASE)
- CS3-20** 2 - 20 AMP CURRENT SENSOR (3 PHASE)
- CS3-50** 2 - 50 AMP CURRENT SENSOR (3 PHASE)