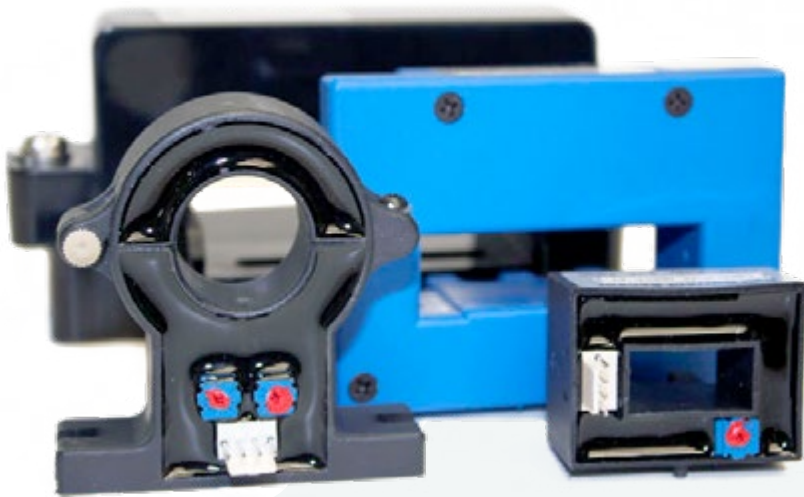


Hall Effect DC Current Sensors



Overview

The CSDC and SCSDC series Hall Effect current sensors are designed to operate with the PQube 3 Power Analyzer series. Ideal for measuring DC currents for battery banks, power supplies, numerical machine tools, photovoltaic equipment, for example.

The Hall effect sensors can also be used to measure AC currents.

Features

- Easy to install, open or closed loop
- Excellent accuracy and linearity
- Low voltage output
- Require external +/-15Vdc unless used in conjunction with the ATT2-600 module

SPECIFICATIONS

Supply Voltage	±15Vdc
Operating Temperature	-25 °C to 85 °C
Storage Temperature	-40 °C to 100 °C
Galvanic Isolation	3kV for SCSDC-R series
Accuracy (at 25 °C)	±0.5% for closed loop ±1.0% for open loop
Linearity (0 to rated current)	<1% typical
Frequency Bandwidth (-3dB)	10kHz

ORDER INFORMATION

CT TYPE	RATED CURRENT	VOLTAGE OUTPUT	OPENING	
Solid-Core - Closed-Loop- Rectangular	10A	5V	0.83"	CSDC-R-CL-0010A:5V
	50A	4V	0.81" x 0.41"	CSDC-R-CL-0050A:4V
	100A	4V	0.81" x 0.41"	CSDC-R-CL-0100A:4V
	200A	4V	0.81" x 0.41"	CSDC-R-CL-0200A:4V
	400A	4V	2.0" x 0.51"	CSDC-R-CL-0400A:4V
	600A	4V	2.0" x 0.51"	CSDC-R-CL-0600A:4V
Split-Core - Open-Loop-Round	1A	5V	0.79"	CSDC-O-0001A:5V
	50A	4V	0.83"	SCSDC-O-0050A:4V
	100A	4V	0.83"	SCSDC-O-0100A:4V
	200A	4V	0.83"	SCSDC-O-0200A:4V
Split-Core - Open-Loop -Rectangular	600A	4V	2.5" x 0.63"	SCSDC-R-0600A:4V
	1000A	4V	2.5" x 0.63"	SCSDC-R-1000A:4V
	1500A	4V	2.5" x 0.63"	SCSDC-R-1500A:4V

Contact us

info@powerside.com
powerside.com



Canada

7850 Trans-Canada Highway
Saint-Laurent (QC) H4T 1A5
1 (877) 333-8392

United States

980 Atlantic Ave
Alameda (CA) 94501
1 (888) 736-4347