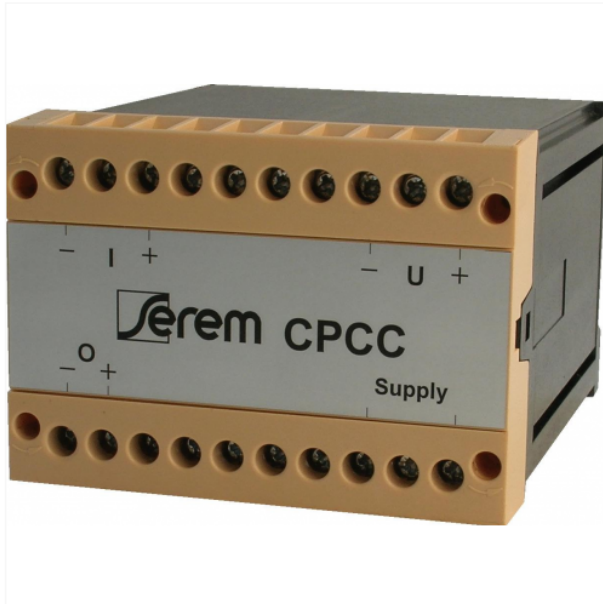


CPCC

ACTIVE POWER CONVERTER



DESCRIPTION

The CPCC is designed for the measurement of a direct current power with a high accuracy, a high stability and a high galvanic isolation. This transducer provides an analog voltage output or an analog current output.

Inputs :

Nominal Voltage U_n : 500VDC max.

- Admissible permanent overload : $1,5U_n$
- Admissible temporary overload : $3U_n$ for 5s max.
- Input impedance : 800KOhm to 2MOhm according to U_n

Nominal Current I_n : 1A, 5A or voltage from 100mV to 10V

- Admissible permanent overload : $2I_n$
- Admissible temporary overload : $10I_n$ for 1s max.
- Input impedance : 0,02Ohm to 1MOhm according to I_n

FEATURES

INPUT 1 - voltage

- 0-100VDC
- Specific : from 0-0,1VDC to 500VDC

INPUT 1 - current

- 0-1ADC
- 0-5ADC
- 0-100mVDC
- Specific : from 0-1mADC to 5ADC or 0-10mV to 100VDC

INPUT 1 - option

- Voltage gain adjustment by FAV potentiometer

OUTPUT 1 - voltage

- 0-5V
- 0-10V
- 0-20mA
- 4-20mA
- Specific : from 0-0,1V to 10V

POWER SUPPLY

- 230VAC (-15%, +10% / 45 to 65Hz / 6VA max.)
- 115VAC (-15%, +10% / 45 to 65Hz / 6VA max.)

GALVANIC ISOLATION

- > 1500 Vrms for : IN / OUT, and Ix / Iy
- > 3500 Vrms for : IN & OUT / AUX. SUPPLY

ACCURACY

- > 0.25% FS from 20 to 100% Full scale

TEMPERATURE RANGE

- -25 to 70°C

TEMPERATURE DRIFT

- < 50ppm/°C

TEMPERATURE OF CALIBRATION

- 20 to 25°C

MAGNETIC FIELDS

- up to 150 Gauss in X, Y, Z dimensions

CASING

- Polycarbonate case for DIN profile with junctions by screw terminals

PRICE On quote only

WEB LINK [Click here](#)

SECTOR ALL INDUSTRIES

USAGE MEASUREMENT

WEIGHT 550 g

LENGTH 121 mm

WIDTH 100 mm

HEIGHT 73 mm

CUSTOMS CODE 90 30 39 00 91

C. OF ORIGIN France

GUARANTEE 1 year

CERTIFICATION CE

COMMERCIAL commercial@serem-electronics.com