

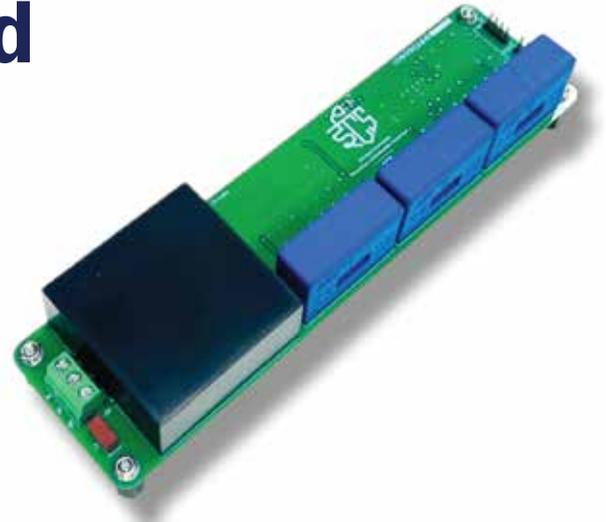


Driving Innovation,
Powering a Sustainable Tomorrow

Power Frequency Current Sensors Board

SCS03PFCSXXX

The SCS03PFCSXXX Power Frequency Current Sensors Board is a compact modular board designed for sensing ac and dc currents. This board is universal and can be used for any application whether AC or DC current sensing. With on board isolated supply, it ensures safety and provides excellent linearity.



Overview:

- AC/DC universal current sensors board.
- On board auxiliary power supplies.
- Excellent accuracy and linearity.
- Thermal and noise optimized PCB design.
- Up to three onboard current sensors (LEM make).
- Current sensing range Maximum 25A, 50A and 100A are available.
- Bi-polar sensor output between -5 to 5 volts.
- Uni-polar sensor output between 0 to 3 volts with offset of 1.5 volts
- Board can be power up with single phase 85-300Vac power supply.
- LED indication for power on.

Board Protection:

- Over Current
- Over Voltage
- Short Circuit
- As per IEC 61000-4 Standard

Applications:

- Power Converters
- Electrical Drives
- General purpose industry applications
- Laboratory R&D purposes
- Testing purposes