HEPS Module Quick Start Manual

SATEC Hall Effect Power Supply (HEPS) Module for Direct Current Applications

Figure 1: HEPS front plate and wiring terminals

Mounting, electrical connection and settings of the HEPS Module shall be made in accordance with all applicable laws and/or regulations and be performed by authorized personnel only.

ELECTRICAL INSTALLATION

Install the HEPS module on a DIN-rail, close to an appropriate AC power supply. Wire **L** to phase and **N** to neutral current.

Each Hall Sensor must be connected to power supply via 3 wires, **+**, **–** and **0**. When using the HEPS as power supply, wire **+** to **+**, **–** to **–** and **0** to **0**.

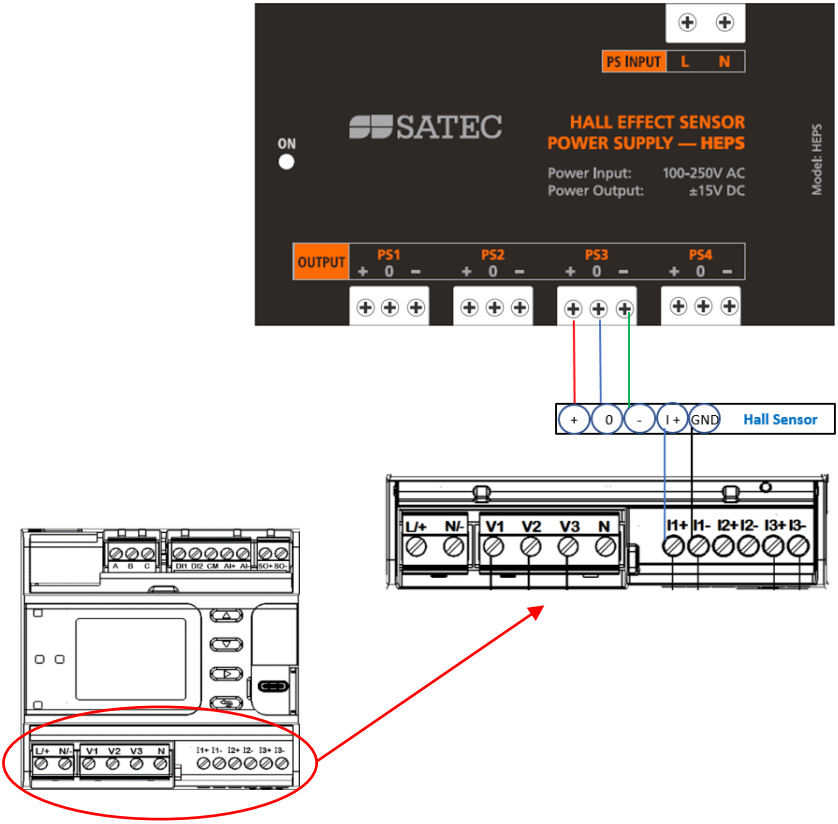

Figure 2: Hall sensor wiring to PRO meter and to HEPS

HEPS MODULE CHARACTERISTICS

- Power supply: 100-250V AC
- Output: ±15V DC

TECHNICAL SPECIFICATIONS

Input Ratings

- Voltage: 90-264V AC (50/60Hz)
- Burden: 30 VA
- Terminals: 2 X 7.5mm
- Wire Size: 1.5-0.25mm^2

Output

- Voltage: 4 X ± 15V DC (15- ;0 ;15+)
- Power: 1.5W per each

Environmental

- -40°C to 60°C / -40°F to 140°F

SATEC DEVICES

SATEC products supporting DC metering and use of HEPS:

- EM235 (PRO)
- PM335 (PRO)
- PM130
- PM135