



S-PRO 4001

Firmware v2.0

Release Description

DESCRIPTION

This release adds support for enhanced monitoring.

ENHANCEMENTS

- Add 61850 station bus support with subscribed GOOSE communication failure alarm
- Add DNP3 and MODBUS sub-harmonic monitoring
- Replace operations per minute with operations per duration
- Add a running count of sub-harmonic operations with configurable alarm threshold
- Add fault log
- Add phase segregated pickup and trip signals for Over Voltage (59) and Under Voltage (27).
- Add metering enhancements:
 - Power channels
 - Top 5 sub-harmonic quantities
 - Total Sub-Harmonic Distortion (TSHD)
- Add Over Voltage (59) secondary time stage for Main and Auxiliary inputs
- Extend sub-harmonic upper limit to 55Hz for 60Hz systems

COMPATIBILITY:

Compatible Relay Control Panel Software:	v2.7 or above
Compatible S-PRO 4000 Offliner Settings Software:	v2.1 or above
Compatible RecordBase View Software:	v3.4 or above

Minor releases, designated with a letter suffix (e.g. v3.1a), maintain the same compatibility as their base version (e.g. v3.1=v3.1a).

ERLPhase Power Technologies Customer Support Contact Information

support@erlphase.com

204-477-0591 x227

www.erlphase.com