SAFE AND SECURE

PRODUCT OVERVIEW

The TRACKLINK® P₂P is designed for use as a point-to-point (P₂P) solution for the monitoring and control of remote devices.

The TRACKLINK® P₂P Controller utilises the plant isolation capabilities of the TRACKLINK® RTU, combined with built in processor and modem equipment to provide a low cost solution for remote I/O.
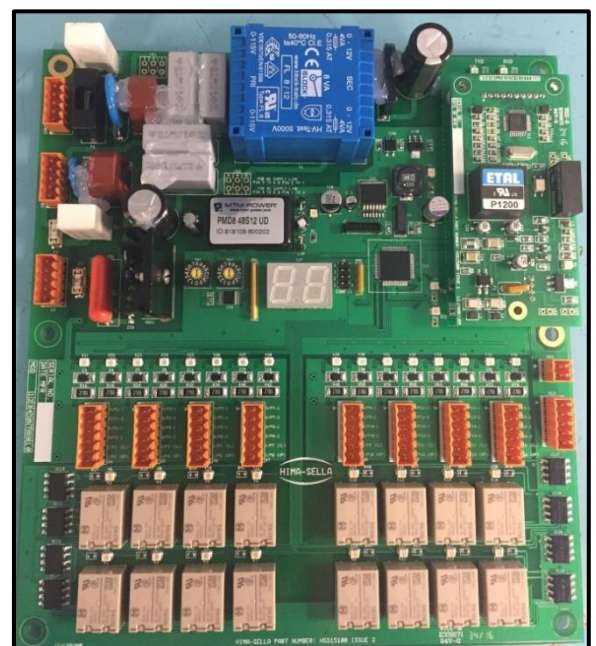
Designed on a single platform, the TRACKLINK® P₂P Controller can control several circuit breakers from a single configuration or provide remote monitoring of plant. The standard unit includes:

- Powerful Universal Processor
- Modem Module
- 5KVA Plant Isolation
- 4 CB & 8 CB Configuration Options
- 16 I/O & 32 I/O Configuration Options

Traditionally the architecture for remote devices is based on a point to-point configuration. This requires a master unit installed in the substation and a slave unit installed near to or within the track device enclosure.

The functionality of the TRACKLINK® P₂P enables the slave unit to be installed up to 6Km from the master unit without the addition of modem equipment. The unit is supplied in an IP66 housing pre wired to keyed connectors (Power, Communications & Plant). This allows the installation contractor to pre wire cables to the plant ahead of the final equipment installation and commissioning.

Typical applications for the conventional TRACKLINK® P₂P Controller include the control of Motor Operated Switches (MOS) and Controlled Track Switches (CTS) as well as the monitoring of plant alarms for power supply applications.

TRACKLINK® P₂P – Conventional Applications

TECHNICAL DATA

Local Unit Options:		
HSD15000/8/AL:	16 I/O CH Aluminium Housing	Network Rail Catalogue No 0062/025020
HSD15000/8/AL/W:	16 I/O CH Aluminium Housing (5m flying lead)	Network Rail Catalogue No 0062/025021
HSD15000/16/AL:	32 I/O CH Aluminium Housing	Network Rail Catalogue No 0062/025024
HSD15000/16/A/W:	32 I/O CH Aluminium Housing (5m flying lead)	Network Rail Catalogue No 0062/025025
Remote Unit Options:		
HSD15000/8/ST:	16 I/O CH Steel Housing	Network Rail Catalogue No 0062/025022
HSD15000/8/ST/W:	16 I/O CH Steel Housing (5m flying lead)	Network Rail Catalogue No 0062/025023
HSD15000/16/ST:	32 I/O CH Steel Housing	Network Rail Catalogue No 0062/025026
HSD15000/16/ST/W:	32 I/O CH Steel Housing (5m flying lead)	Network Rail Catalogue No 0062/025027

Plant Wetting Supply Option:	48V Plant Wetting Power Supply Option
Modem Options:	Lease Line, PSTN or Fibre (Modem Support)
Voltage Range:	30-72V dc, 110-230V ac
Isolation:	5KVA
EMC Certification:	BS EN 50121-4
Environmental Certification:	BS EN 50125-3
Operating Temperature:	-25^{0}C to +55^{0}C
Size - Local:	280 (H) x 230 (W) x 110 (D) mm
Size - Remote:	300 (H) x 280 (W) x 90 (D) mm
IP Rating:	IP Rating: 66
Mounting:	Standard four point fixing (to match existing install)