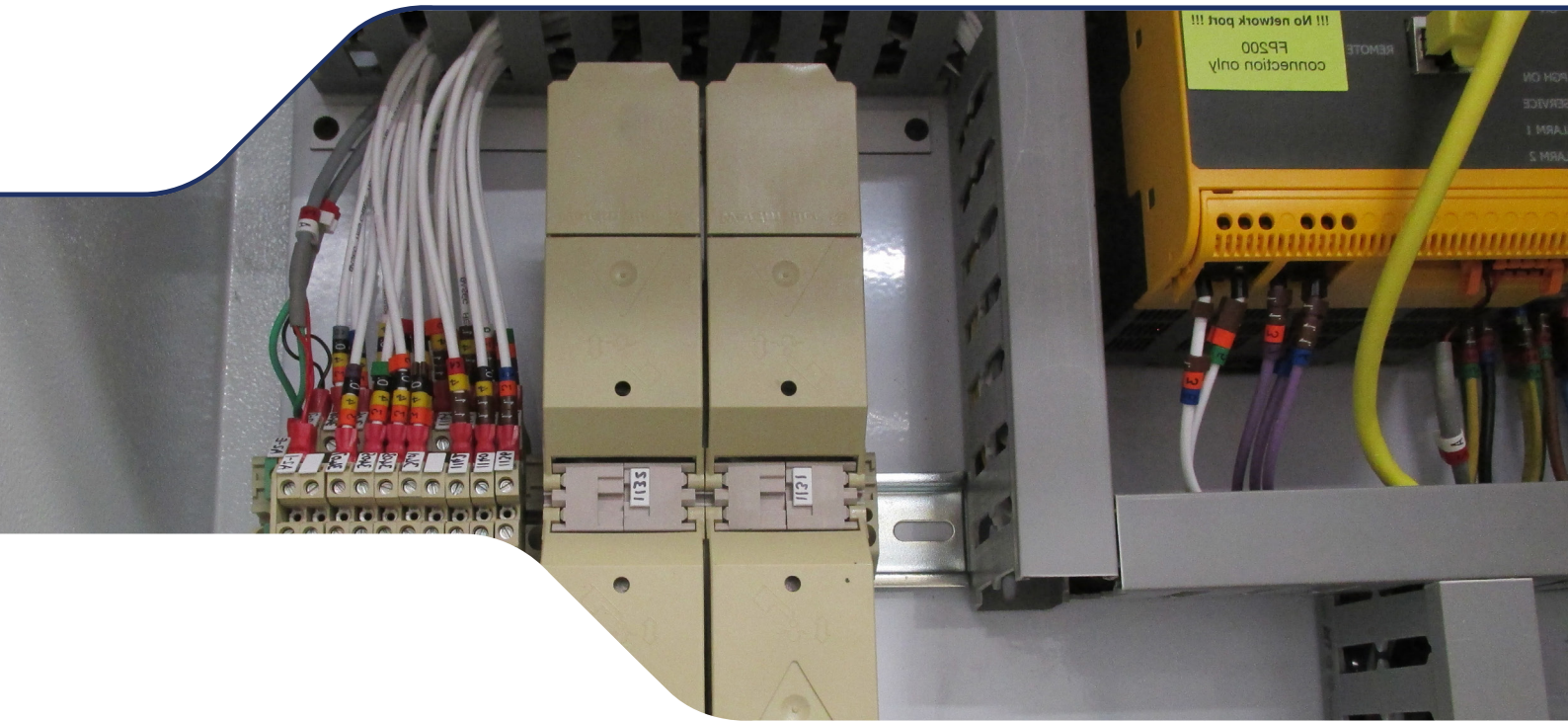


Auxillary Supply Points (ASP)

Single or dual end fed Class II Switchgear Assemblies for new and existing installations.



PowerU

by Unipart Rail

A UNIPART RAIL INTELLIGENT ASSET

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RAIL

Providing a consistent supply of power to the rail network, through reliable and trusted engineering to ensure trains run to schedule.



With over 2 decades of experience, Samuel James Engineering has been designing, manufacturing and maintaining Auxilliary Supply Points (ASP), either as a containerised systems or brick built building designed to provide power to rail signalling via 400V / 650V feeders.

Switchgear Assemblies are designed to be single or dual end fed. For use within new and existing distribution system.

All Samuel James Engineering ASP Switch Box configurations share several important and integral design features:

- ARS function allows for Automatic Reconfiguration of Feeder supplies where specified
 - Network Rail PADS Approved Equipment, Switchgear including 400V/650V and UPS Auto-Bypass, Signalling Transformers, UPS / Traction Rectifier systems and Data Logger
 - Flexible Design to accommodate Regional or Project specifications for Network Rail Infrastructure
 - Built and Tested to BS EN61439 and BS7671
 - Available options, additional internal walls, removable endwalls, bespoke lighting arrangements, forced air ventilation or air conditioning, remote monitoring linked rate of rise detection systems and option for standard or reinforced 3-point locking system
 - Full ASP laser-engraved labelling ensures traceability of equipment and clear location information
 - Adaptable design allows for Incoming and outgoing cables of various sizes and specification to be easily installed
 - Adaptable solutions - REB style, brick buildings or GRP cubicles
 - Multiple power sources for backup including Mobile Generator Connection facility to ensure power continuity in the event of a power source failure
- Bespoke design (size, layout & ratings)
 - Insulation & Remote Monitoring
 - Factory and site Acceptance testing
 - Operation & maintenance manuals
 - Network Rail product approval for complete systems

Our ASP's come with a service life of 35 years minimum and with the reassurance that the technical support service is on hand to support if required.

Each ASP is designed and built to the customers bespoke requirements with support from Samuel James Engineering throughout the project.

All variants of the ASP feature:

- Robust, high quality design
- Long service life, high reliability
- Can incorporate UPS as required

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