

Introducing the GPC-A Connection Centres with built-in O-PEN:Guard technology.

Ideal for large loads or protecting dedicated distribution boards. Designed for quick and efficient installation with a simple wire-in, wire-out connection, helping to save time and costs. The matt:e Guardian enhances electrical safety by detecting faults and safely isolates connected loads and warns the building owner of potential issues before catastrophic failure occurs.

Key Features:

- **Continuous Supply Monitoring** – Detects voltage fluctuations, loss of neutral, and frequency anomalies.
- **Stray Voltage Detection** – Identifies and alerts for stray voltages on protective earth/ground conductors.
- **O-PEN® Monitoring** – Detects broken PEN conductors in TN-C-S supply systems and isolates connected loads to prevent potential hazards.
- **Visual and Remote Alerts** – Provides visual indicators for on-site notification and optional SMS/email alerts via cloud integration.
- **Cloud Connectivity (Optional with a monthly subscription)** – Remote monitoring and real-time alerts through a dedicated online platform. Connected loads can also be switched on and off remotely via the cloud portal.
- **Simple Wire-In, Wire-Out Connection** – Reduces installation time and costs.



Model shown, GPC-250A.

Please note all models are IP21.

An IP65 cover for the Guardian can be purchased if required.

Fault Detection Capabilities:

- Loss of Neutral
- Broken PEN conductor (TN-C-S supply)
- Voltage on protective earth/ground conductors
- High and low line voltages
- High and low frequency
- Phase imbalance greater than 3%

Applications:

- Large Load Installations
- Dedicated Distribution Boards
- Commercial and Industrial Electrical Installations
- EV Charging Infrastructure Protection
- Utility and Grid Monitoring

Available Models:

- GPC-250A Guardian connection centre suitable for loads up to 250A
- GPC-400A Guardian connection centre suitable for loads up to 400A
- GPC-630A Guardian connection centre suitable for loads up to 630A
- GPC-1250A Guardian connection centre suitable for loads up to 1250A

