

Case Study

Rittal Australia / GPS Electrical Services



GPS Electrical Services Uses Rittal's RiLineX Power Platform



Introduction

Established in 1997, GPS Electrical Services is a specialist in industrial electrical solutions, providing switch-board manufacturing, electrical engineering, automation, and plant maintenance services across Victoria. With over 150 staff and more than 3,000 projects delivered annually, the company works with national and multi-national clients across a range of industries. As part of its operations, GPS Electrical Services adopted Rittal's new RiLineX power distribution platform for a 250A rated panel project in Victoria.

The Problem

For this project, GPS Electrical Services required a system that could safely and effectively distribute power to multiple motor starters within a compact 250A rated panel. The build required specific components that could quickly be configured to suit the project requirements.

Why Rittal?

GPS Electrical Services has been a long-term client of Rittal and relies on the quality of its products and the advice provided to support daily project needs. Rittal's new RiLineX power distribution platform was selected for this panel as it provided the required components for compact, safe, efficient & scalable power distribution.



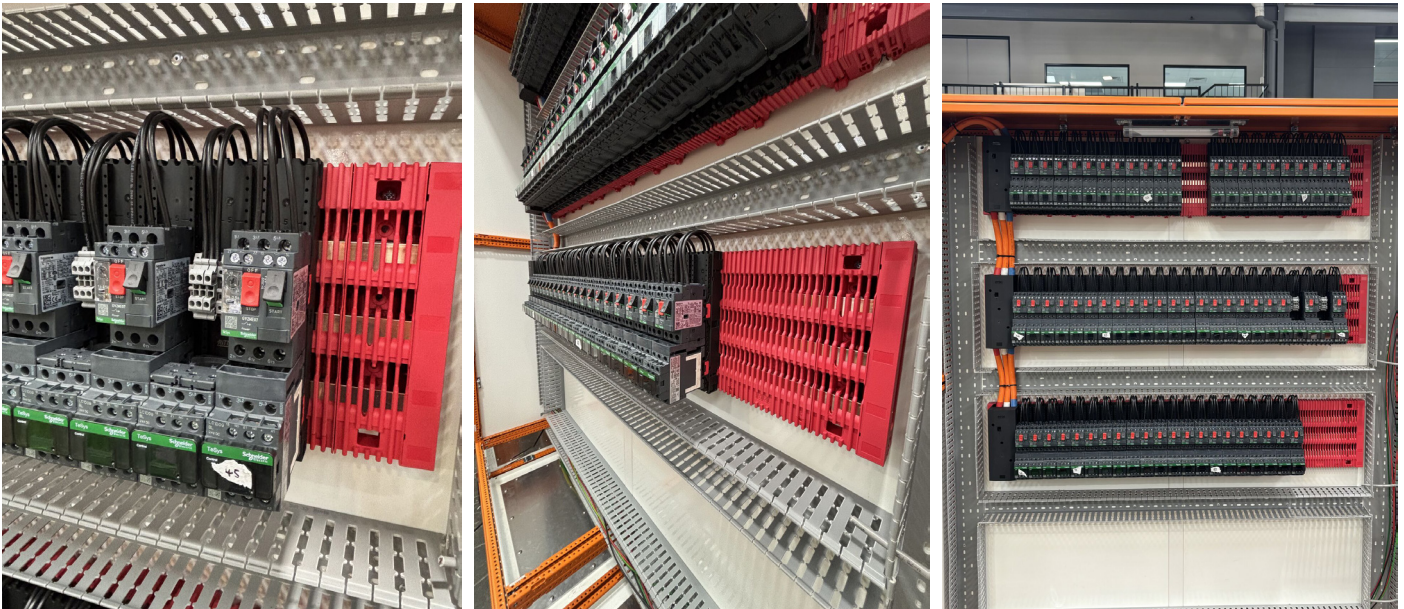
The Solution

The compact RiLineX solution was quick to configure, plan and mount within the enclosure, saving engineering and assembly time as well as valuable space on the mounting plate. Rittal supplied components from the RiLineX 60 mm busbar system to configure the 250A rated panel, including:

- 2 × 250A feed-through modules for 70 mm² cable
1 × top feed connection module (70 mm²)
- 68 × device adapter modules, 32A rated and designed to suit standard Schneider MPCBs and contactors
- Spare space for additional future modules

The Outcome

GPS Electrical Services successfully incorporated the RiLineX busbar platform into the 250A rated panel. The system configuration provided the necessary feed-through, connection, and device adapter modules to meet the project's requirements in Victoria.



“Always innovating! GPS is proud to be the first to use the new RiLineX power platform from Rittal. This new system was easy, cost-effective, and in our opinion much safer than others on the market.”

GPS Electrical Services (via LinkedIn)