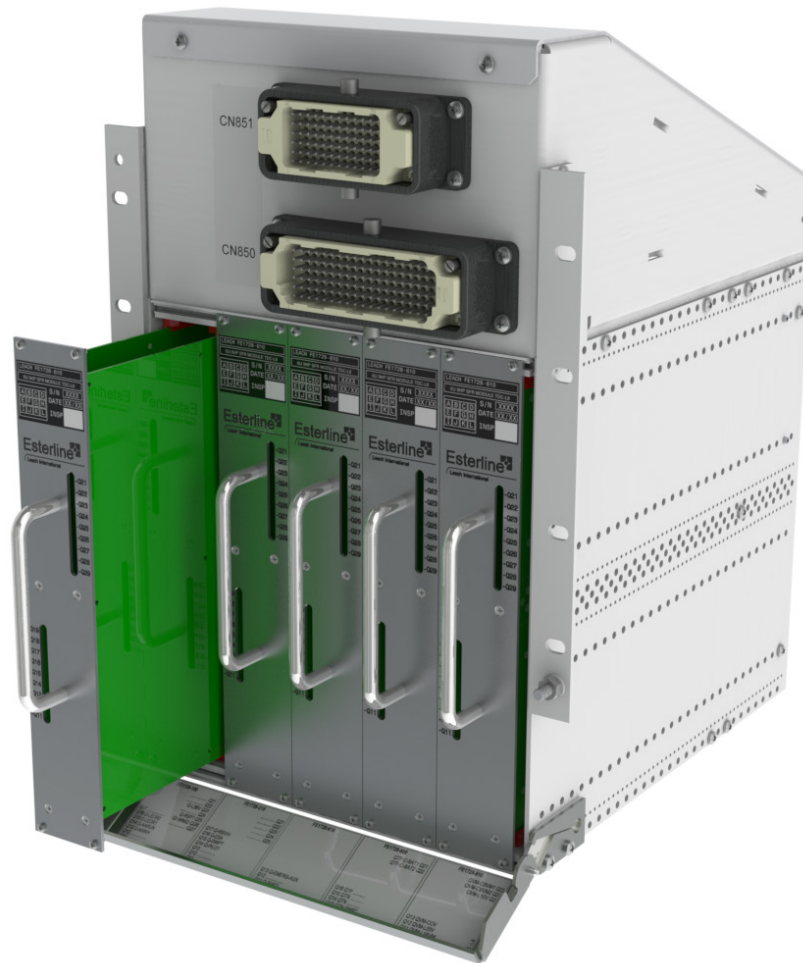




The Form Fit Relay Solution is the latest advancement in space saving solutions for rolling stock from Australia Rail technology. This solution can save up to 75% of space compared to traditional individual mounted DIN rail relays located in an electrical locker.

Advanced features

- Highly integrated designs for significant weight and volume savings.
- Full integration of hermetically sealed relays onto a PCB.
- 2-, 3-, 4-, or 6-pole relays and combinations eg: 3 x 6 pole in series.
- Sockets available for easy relay removal
- Use of separated transient suppression devices (PCB mounting or plug-in sockets) and other electronic components (e.g. diodes)
- Time delay relay integration (PCB mounting or plug-in sockets)
- Flexible technical approach allows for easy change or modifications of schematics
- Relay panels designed as LRUs for ease of replacement
- Modular concepts for flexibility, reduced cost, easy reconfiguration and future requirements



The Modules

The relay modules are made up of 2-, 4-, 6-, 11-, and 18-pole boards that can be mixed to meet the customers requirements. Current popular modules are 14 x 2PDT, 12 x 4PDT, 10 x 6PDT and combinations like 7 x 2PDT + 5 x 6PDT.

Also available are Special Function Relays (SFR) - timers (Delay ON, Delay OFF, and flashing), toggles and voltage sensing. Our SFR modules are flexible and allow user defined specifications, with the option of 8 SFR X 2PDT and 4 x 4PDT all on the one module. Other variations are available.

Custom design

As well as flexible relay module design Australian Rail Technology are able to provide custom relay racks to suit your space requirements, from 19" sub racks to custom sub racks located in awkward locations.

Our Form Fit Relay Solutions are designed and built in Australia.

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