



Resource Summary

- Printed circuit board loading
- Wave soldering system
- Transformer and coil winding
- Sheet metal fabrication
- Precision press shop
- CNC engraving
- CNC machining
- Auxiliary relay assembly
- Protection relay assembly
- Test & calibration facility
- High voltage testing to 15KV
- Noise immunity testing
- Environmental test chamber
- CAD & CAM design studio

Protection Relays

The capital cost of transmission lines, substation plant & rotating machinery constitutes the overwhelming portion of power system construction costs. Protection Relays on the other hand typically account for less than 3% of this total. Correctly applied protection relays provide a cost effective insurance against risk of injury and major damage or destruction of expensive plant when faults occur.

A similar situation exists for industrial electrical installations wherever expensive plant and equipment is maintained. It is therefore critical that protection relays & monitoring systems are selected & applied which are capable of the duty required.

Due to the critical nature of the function performed by protection relays, the selection of equipment with the appropriate reliability & performance commensurate with the system needs is a demanding task.

The experience & capabilities of the manufacturer of protection relays as well as the field service reputation of the equipment under consideration, is therefore, of prime importance.

Introduction to RMS

Relay Monitoring Systems Pty Ltd (RMS) design, manufacture and market a wide range of electrical engineering products and services. Major product types include:

- **Arc flash detection relays**
- **Transformer control relays**
- **Numeric protection relays**
- **Electro-mechanical protection relays**
- **High speed tripping relays**
- **Auxiliary flag relays**
- **Supervision relays**
- **Test blocks & plugs**
- **Electronic monitoring relays**
- **On board railway relays & controls**
- **Custom system integration & engineering**
- **Industrial controls & pilot lamps**

The company's depth of local manufacturing and engineering expertise is backed up by many years of experience since the formation of its predecessor, Relays Pty Ltd (RPL), in 1955. This experience combined with a broad base of field proven product types enables RMS to service specific customer needs by producing relay **SPECIALS** on demand and with typically short lead times when compared to imported equipment.

RMS staff are focused and committed to the company's core business activity of:

Design, manufacture, supply & servicing of specialized electrical protection equipment on time & free from defects.

This is demonstrated through the caliber of technical sales support and quality of product built to each specific customer requirement.

Manufacturing facilities

RMS is a **100%** owned Australian manufacturing enterprise, which has achieved third party accreditation to the quality system standard for production and installation in accordance with AS/NZS ISO9001. RMS operates a modern manufacturing facility at its corporate head quarters in the Melbourne suburb of Mulgrave. In addition to administration, sales and engineering activities, this facility includes tool room, press shop, coil winding, relay assembly, printed circuit board loading, protection relay assembly, high voltage isolation & standards compliance testing, calibration laboratory & environmental burn-in facility.

The operation of this extensive facility means that RMS has direct control over all major manufacturing processes thus providing significant benefits in terms of:

- **Competitive pricing**
- **Short supply lead times**
- **Product quality & flexibility**
- **Customer service & product back-up**

