



EPDAs

Electrical Power

Distribution Assemblies —

unique packaging capabilities



LEACH[®] INTERNATIONAL

Solutions for Power Switching and Control

A Tradition of Innovation

Leach International Corporation, a leader in the design and manufacture of electrical switching and control devices for aerospace, rail and high-end industrial applications, introduced its first relay in 1919. Since that time, innovation and technological advancement have positioned Leach in a leadership role. Its switching components and equipment, specifically designed for severe environments, are at work around the world in a wide variety of uses.

The company's expansion as a global entity began in 1962 with the establishment of LRE, a subsidiary based in Europe. During the late 1980s and early 1990s, LRE acquired G.E.P.E. S.A. and Les Modeles Francais S.A. In 1994, Leach Corporation merged with LRE to form Leach International — the oldest and largest supplier of aerospace relays and solid-state switching devices worldwide. European operations were consolidated at Sarralbe, France, Leach International's European headquarters.

In 1997, the company once again extended its global reach with the addition of Leach International Asia Pacific. Based in Hong Kong, the organization oversees the manufacture and marketing of a broad line of company products for the Asian and Pacific regions.

With operations now spanning the globe, Leach International and its more than 1,500 employees are positioned at the forefront of the relay and power switching industry, designing and manufacturing quality products for today's, and tomorrow's, most challenging applications.

Added-value Solutions Featuring Innovative Leach Products and Packaging Capabilities

Leach International, by combining its switching, control and protection components with optimized enclosures and modules to meet customers' specific requirements, has created a comprehensive selection of added-value equipment for aerospace, military, rail and high-end industrial applications.

The inherent flexibility and convenience of offering standard company components already housed in a variety of customer-selected assemblies prior to delivery has proved to be a popular segment of Leach International's extensive product line.

Through the packaging of components and their housing, the company's EPDAs offer cost advantages, as well as weight and space savings, component accessibility and ease of maintenance. Designed for both DC and AC applications, EPDAs are manufactured at Leach International facilities in the U.S.A. and Europe, and are available in each of the following five product categories:

- **Primary Distribution Units** — *(incorporating the latest Leach plug-in or bus bar mounted contactors)*
Aerospace & military applications
- **Secondary Distribution Units** — All applications using Leach relays and/or solid-state power controllers
- **Logic Control Units** — Applications in all business segments using a variety of output devices
- **Load Switching, Control and Protection Units** — Special individual loads (i.e. anti-ice applications)
- **Fast-acting Changeover Units** — Low-interrupt time or non-interruptable power supply applications

Major Programs Using Leach International EPDAs:

- **Agusta A109**
- **Alenia/Lockheed C27J**
- **BAe Harrier**
- **Bell 609**
- **Dassault Rafale, Falcon**
- **Eurocopter EC120, EC135**
- **SAAB JAS 39 Gripen**

Electrical Switching and Distribution Box

P109U Helicopter – Agusta



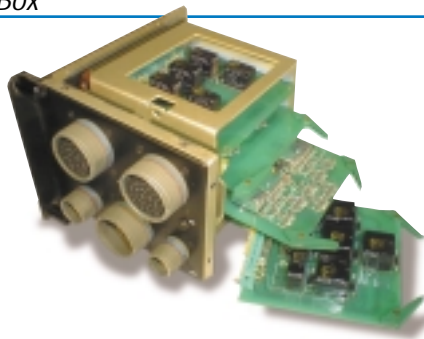
Primary Electrical Distribution Assembly

EC 120 Helicopter – Auxilec/Eurocopter



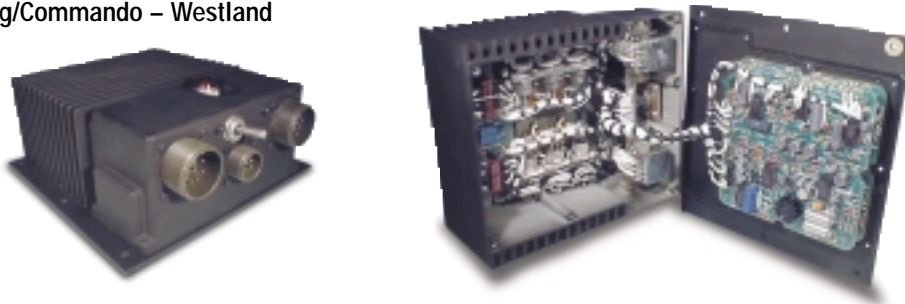
Emergency Release Sequence Box

Rafale – Dassault



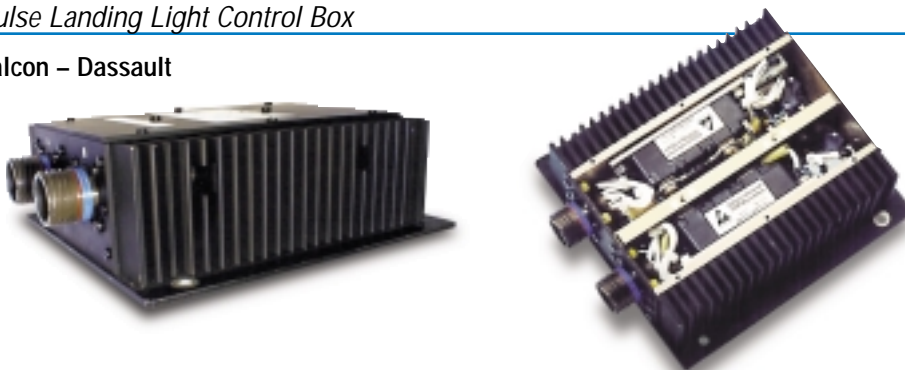
Anti-ice Controller

Sea King/Commando – Westland



Pulse Landing Light Control Box

Falcon – Dassault



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