

**Esterline**  **Power Systems**

Featuring LEACH® Products



# MODULAR CONTACTOR

THE FUTURE OF  
HIGH POWER SWITCHING



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## MODCON - Innovations in Leading Edge Contactor Technology

Since the 1960s Leach International (now Esterline Power Systems) has been the world leader in contactor technology innovations, including the solenoid contactor design that has become a standard switching device for aircraft. Our ongoing technological advancements have resulted in a range of contactors rated from 50 to 350 Amps, offered in a variety of configurations and power ratings. Compared to the industry standard, Modular Contactors (ModCon) are smaller, lighter, and economical.

Esterline Power Systems introduces a new generation of ModCon customized to specific customer requirements. Through the innovative usage of common sub-assemblies, ModCon offers lightweight, flexible designs with the high reliability needed for increasing demands of more electric aircraft, helicopter applications, and power systems. They are also the ideal footprint for primary and/or secondary power distribution assemblies. ModCon's double voltage capabilities (up to 230 Vac) and variable frequency readiness make it the ideal choice for tomorrow's switching power requirements.

	RATING	MAIN CONTACT CONFIGURATION	AUXILIARY CONTACT CONFIGURATION
AC	50A	3PST-NO	2PDT
	90A	3PST-NO	4PDT
	90A	3PDT	4PDT
	175A	3PST-NO	8PDT
	350A	3PST-NO	4PDT

## LIGHTWEIGHT FAMILY OF CONTACTORS



50A 3PST



90A 3PDT

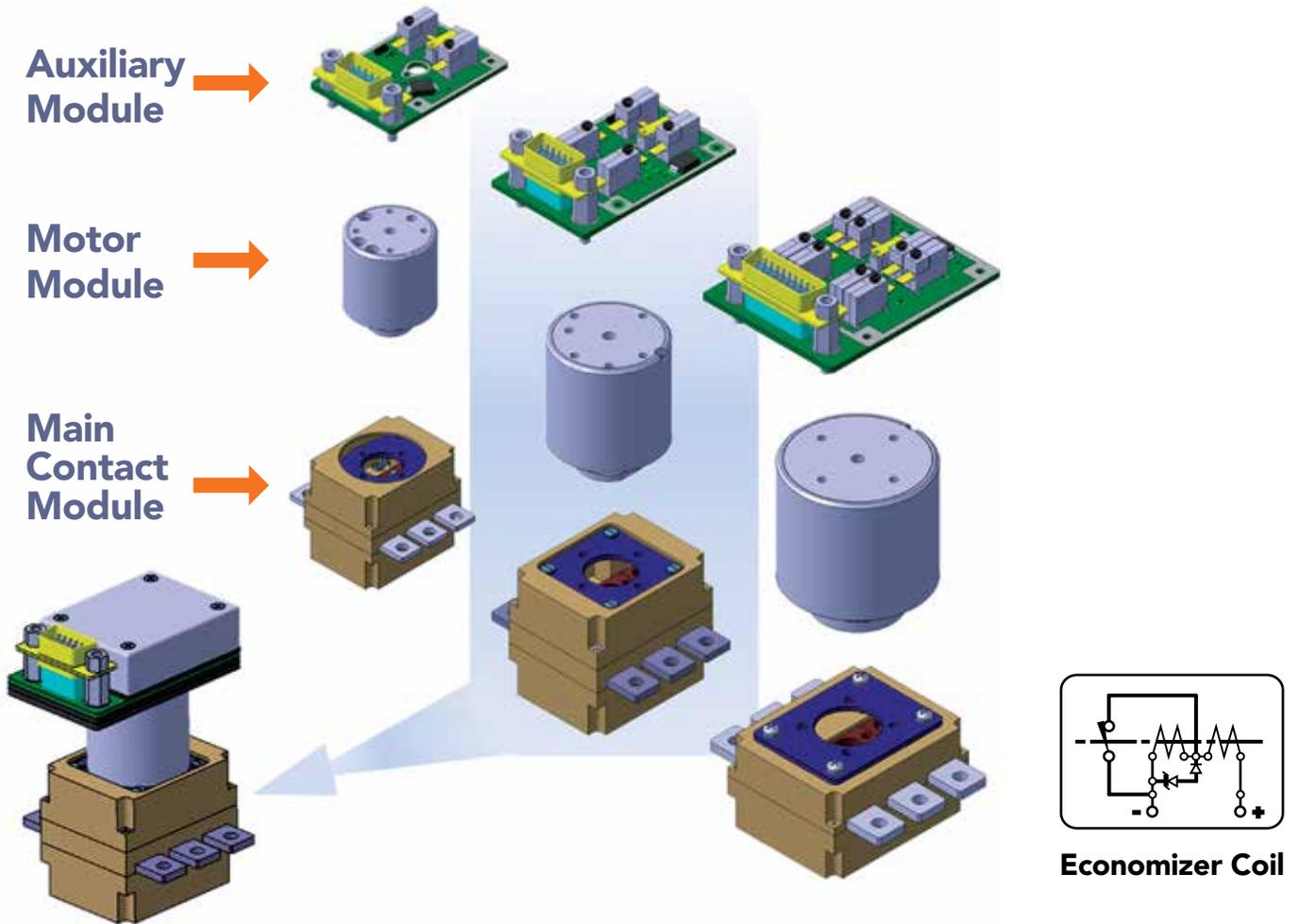


350A 3PST-NO

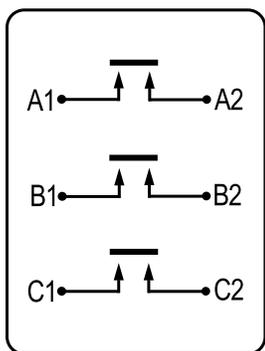
**ModCon Benefits**

- Smaller Package
- Less Weight
- Lower Cost
- Modular
- RoHs Compliant
- High Reliability
- Double Voltage (DV)

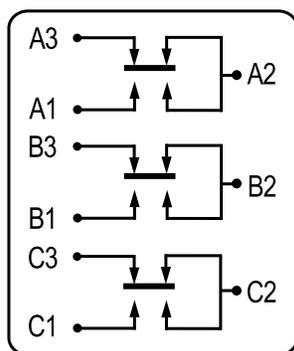
# MODULAR PHILOSOPHY



## MAIN CONTACTS



**3PST-NO**



**3PDT**

## FEATURES

- Low Coil Current
- Captive Hardware
- Lightning Protected
- Flying Lead Option
- Up to 8 Auxiliary Contacts
- Double Break

## LEACH® Products are Recognized for their Design Excellence, Quality & Reliability

As one of the core capabilities of Esterline Technologies Corporation, Esterline Power Systems (EPS) draws upon the rich aerospace and military heritage of LEACH®. The LEACH Relay Co. introduced the first "break-in" relay in 1919, and further developed the art of power switching technology throughout the 20th century.

Today, LEACH® brand products include the Balanced Armature, Balanced Force relays, and rotary & solenoid contactors, as well as, control devices and power management systems, which have been used the most severe environments in space, aerospace, military, rail, and other high-end applications worldwide.

With its extensive product line, advanced design and engineering processes, more than 1,800 dedicated employees, and representatives in more than 20 countries, Esterline Power Systems continues to maintain its hard-earned position as an industry leader.

## Global Operation

Esterline Power Systems has manufacturing facilities in North America, Europe and Asia. Each facility offers unique engineering, manufacturing, sales and service capabilities, and each functions as an integral part of the Esterline Power Systems team. With the industry's finest electrical testing laboratories, combined with state-of-the-art manufacturing and assembly lines, Esterline Power Systems is able to provide world-class service and an ever-expanding product line.

# Esterline

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