

FAULT ISOLATION UNIT

L3Harris' FIU is a unique and innovative device designed to protect critical 400 Hz power distribution systems by providing a controlled maximum allowable current draw in each individual circuit connected to the distribution system. Controlling the maximum current draw of each load minimizes the effects of faults and over current conditions.

Electronically monitoring each phase of the load, the FIU operates a high-speed electronic switch to insert a high-impedance current limiting device into the circuit, preventing low voltages due to excessive current draw and possible over current damage to the power generating system.

- > High-speed, three-phase, solid-state electronic switch operates within 25 μ sec of over current sensing
- > Limits excessive current draw to levels

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