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FOR IMMEDIATE RELEASE

Micropac Industries Develops Industrial Power Controllers

GARLAND (March 15, 2013) – Micropac Industries, Inc. (MPAD) has developed a family of AC and DC Industrial Power Controllers. This announcement was made at the recent share shareholder meeting held in Garland, Texas. These devices combine the functionality of a solid state relay and a circuit breaker, eliminating the need for external over-current/fault protection. The Industrial Power Controller (IPC) is mechanically similar to the industrial standard solid state relay “hockey puck” package. The AC devices are suitable for applications up to 340 VAC rms/5A or 50 VAC rms/10A. The DC devices are suitable for applications up to 400 VDC/5A or 75VDC/10A. Inductive and optical coupling between the input and output provides isolation of 1,500 VRMS. Power MOSFET output switches provide soft start and low ON voltage for improved thermal characteristics. The devices can be operated from -40°C to +85°C without a heat sink.



The IPC is monitored and controlled by using an external CPU. This feature allows external status monitoring, remote switching and resets. The device provides very fast fault detection and shutdown which are essential elements for maximizing load protection.

The Industrial Power Controller provides three key elements in one device: switching power, protecting loads and monitoring status. The IPC is useful in any application in which power is being switched and needs to be remotely controlled.

About Micropac Industries

Founded in 1963, Micropac Industries, Inc. is a diversified, high technology company located in Garland, Texas, specializing in high reliability microcircuit multi-chip modules, Hall Effect devices and optoelectronic components/assemblies. Micropac develops and manufactures complete custom designs to meet specific customer applications and requirements. Our products are being used throughout the world in a wide variety of military/aerospace, space, medical and industrial applications. Visit www.micropac.com for more information.

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