



Pro Electric News

Smart Wiring System

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Issue #001

Why design a smart power distribution system for vehicles?

Power Distribution: For years automotive builders have been forced to use legacy components. Present power distribution designs force a builder to wire a vehicle so that all current needed for accessories such as the headlamps and tail lights must run from the fuse panel through the dash switch or a relay bank, through the firewall and then the length of the vehicle to its final destinations. This legacy design adds resistance and reduces the applied voltage to the accessory.

Conventional legacy systems use either fuses or circuit breakers that protect accessories by opening the circuit when an over temperature event occurs. In some cases this happens too late to protect the accessory. Now the builder has a better choice.

The Pro Electric smart wiring system has a small circuit path and a very efficient means of delivering voltage while reducing voltage loss in a given circuit. The system also monitors current in real time by sensing an over current event and opening the circuit much faster than a conventional legacy system.

Value added

Computer controlled solid state switching allows a large number of programming options to be integrated into the system such as head

In this issue

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Inside Electronic Prototypes, Inc.

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News & Updates

April 3 , 2009

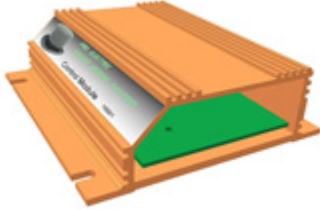
Pro Electric adopts a top hat as the icon/logo for the Smart Wiring product line.



The "Hat" will be used in all correspondence

lamps staying on for 30 seconds after ignition is turned off. For more info see our Matrix at <http://www.proelecii.com/matrix>.

The electronics of the Pro Electric system are potted and enclosed in a tough extruded aluminum enclosure for reliability.



Inside Electronic Prototypes

Our Beta test program is now behind us and the initial production units (IPUs) are in house and have been tested with excellent results. Efforts have now been turned to the enclosure and the production run.

and for product recognition.

April 8th, 2009

Electronic Prototypes, Inc. CEO reviews potential partners.

Feel free to contact us with your ideas.

The Mission

Goals

To produce a cost effective alternative to old style vehicle wiring systems. Easier to install with value added features that bring custom cars into the modern age.

Visit our web site for more details

<http://www.electronicprototypes.com/ProElecII.html>

Electronic Prototypes, Inc is a product development firm in Virginia, serving commercial, industrial and military markets. Our prototyping capability quickly links vision to reality. We do product development well – always with safety and cost in mind.

If you know someone who may be interested in receiving this newsletter please feel free to forward.