

# PRESS RELEASE

## Latest Socomec power-monitoring device available from EM

**18 June 2019:** A new panel-mounted power-monitoring device (PMD) from Socomec has been launched locally by leading supplier ElectroMechanica (EM). The Socomec DIRIS A-40 has been designed for measuring, monitoring, and reporting electrical energy. The latest PMD offers a range of functions for measuring voltage, current, power, energy, and power quality.

Compliant with IEC 61557-12, implementation is quick and efficient. The three current technologies – namely solid-core, split-core, and flexible (TE, TF and TR/iTR) – allows for a monitoring solution to be implemented on new and existing installations.

IEC 61557-12 is a specific standard for all PMDs designed to measure and monitor electrical parameters in distribution networks. Compliance with the standard ensures a high level of equipment performance, metrology, and also the mechanical and environmental aspects.

A configuration wizard provides step-by-step instructions for the end user, in addition to detecting and correcting configuration errors, thereby slashing commissioning time by half in order to guarantee a reliable monitoring system.

The Socomec DIRIS range consists of Internet of Things (IoT)-ready connected products that can export data automatically for remote processing, without any restrictions on time and storage. The embedded WEBVIEW-S solution optimises metering, alarming, and monitoring functions, with no need for additional software.

Metering consists of the measurement of active, reactive, and apparent energies; a historic record of measurements; a graphical display on a monthly, weekly, daily, or hourly basis; and automatic data export via FTPS in CSV format. Monitoring includes real-time measurement of electrical values; viewing data as graphs or tables; and power-quality analysis of the utility supply and loads.

The Socomec DIRIS A-40 are panel-mounted measurement units ensuring that the end user has access to all the measurements required for carrying out successful energy-efficiency projects, as well as monitoring electrical distribution. All of this information can be analysed remotely using an energy-management software solution.

Thanks to its large backlit LCD display and its multiple viewing screens with direct pushbutton access, the Socomec DIRIS A-4x provides clear readings is easy to use. It directly displays a number of multi-measurement and metering values.

***Ends***

### **Notes to the Editor**

To download hi-res images for this release, please visit <http://media.ngage.co.za> and click the ElectroMechanica link to view the company's press office.

### **About ElectroMechanica**

ElectroMechanica was established in 1984 by David van den Berg as a specialised direct importer and wholesale distributor of high-end industrial electrical products, motor control switchgear and electronic automation products. A wholly-owned South African company, ElectroMechanica offers its clients state-of-the-art products, sourced from leading local and international brands, all complying with recognised international safety standards and performance specifications.

### **ElectroMechanica Contact**

Karen Zotter

Phone: (011) 249 5000  
Fax: (011) 496 2779  
Email: [karenz@em.co.za](mailto:karenz@em.co.za)  
Web: [www.em.co.za](http://www.em.co.za)

**Media Contact**

Thapelo Phukuje  
NGAGE Public Relations  
Phone: (011) 867 7763  
Fax: 086 512 3352  
Cell: 079 425 4914  
Email: [thapelo@ngage.co.za](mailto:thapelo@ngage.co.za)  
Web: [www.ngage.co.za](http://www.ngage.co.za)

Browse the **NGAGE Media Zone** for more client press releases and photographs at  
<http://media.ngage.co.za>