

More instrumentation and control products from Eurotec

Electric vehicle charging is now a lot more user-friendly following the release of the Viaris range of residential, commercial and public charging stations by New Zealand agents, Eurotec Ltd.

All models incorporate the Viaris smart modulation system which automatically delivers the highest recharge in the shortest possible time by constantly increasing or decreasing the transfer of power to the electric vehicle depending on the variable loads drawn at the time by other power users at the same location.

Progress on charging is also visible in real time via the Viaris phone app which displays the energy being consumed by both the vehicle and the installation. The app enables scheduling to take advantage of off-peak power rates and provides recording and reporting on the power taken by individual users.

Eurotec's sales and marketing director, Chris Farmer, says the Viaris charging stations are designed by Orbis, a highly credible European electrical product manufacturer.

"Orbis has a strong background in energy measurement and management supplying single and three phase electricity meters along with power and load management solutions. Their engineering expertise in power management and battery charging has been well applied to the development of the Viaris charging stations and accessories."



Chris Farmer



Orbis electric vehicle chargers modulate charging and provide charging status in real time on a phone app

Farmer says Eurotec, as a specialist supplier of a diverse range of electrical and control products, has been the New Zealand agents for Orbis for over 15 years supplying Orbis analogue and digital time switches, coin timers, as well as indoor and outdoor presence and motion detectors that can be fully integrated into lighting and BMS controls.

"We are now offering the Viaris range of mode 3 charging stations as ideal solutions for a range of retrofit and new-build applications. The Viaris Uni is designed for single family homes, resident communities, offices and businesses and will take care of single and three phase smart charging requirements for cars, motorcycles and electrical bicycles and plug-in hybrid vehicles."

He says the Viaris Combi provides a similar scope and also has the option of including electrical protection devices for a quick installation by avoiding the need for a second electrical panel.

Eurotec also supplies a Viaris test instrument to check the operation of electric vehicle chargers and simulate the connection of a vehicle. It can be used to test any charger in the market designed for Mode 3 charging through Type 2 connectors and up to 64 amps.

This tester adds to Eurotec's range of

Testo test and measurement devices for a large range of industrial and electrical applications. These range from Benning Duspols to portable instruments for the food industry and thermal imaging cameras for electrical maintenance.

Eurotec has expanded significantly from its beginnings 35 years ago in the HVAC sector and now operates through seven divisions covering HVAC, refrigeration, electrical, instrumentation, after-sales, control panel solutions and dairy cooling solutions – all visible on the company's websites.

Farmer says half Eurotec's diverse business is now in instrumentation and electrical products and the whole business focuses on the supply of control equipment. This includes temperature, level and pressure controls as well as a range of motor control equipment for the electrical industry drawn from the 50 European brands the company distributes.

Because Eurotec's team of engineers in the company's 28 staff have years of experience with their industrial products, Eurotec set up Control Panel Solutions as a Wellington-based panel builder specialising in the design and construction of industrial control panels.

"From pushbuttons to PLCs, we supply 90 percent of what goes into a control panel of any size so we can produce a custom panel that performs to a high standard and is very cost-effective. We have the product knowledge, engineering skills and application experience to deliver and commission a complete solution in-house. All an electrician has to do is the field wiring for a trouble-free installation." ■

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