



Modul-System goes wireless

Wireless switches and the capability to manage the electrical accessories with a smartphone or tablet are some of the features in Modul-System's new wiring system.

"In our app, it is possible to view the battery's charge level, the current vehicle weight and its spread between the axles. By connecting a SIM card, everything can be monitored from a remote location like the office", says Thomas Johansson, Vice President of Modul-System.

When converting an empty van into a fully functioning service vehicle, the electrical installation is normally the most complex and time consuming part. Modul-System has developed a product which simplifies this process.

Using the new Modul-Connect system, you can install all your electrical accessories. The system features wireless switches, which communicate with the control box using radio frequency.

"Not only does this mean that you can easily place switches anywhere in the vehicle. It also means that we can reduce the cabling significantly", says Thomas Johansson.

All connected products can also be controlled and monitored using a smartphone or tablet.

"We use long range Bluetooth, which works from up to 100 meters away, and is extremely quick. It is also possible to add a SIM card solution, if you want to control the vehicle from further away", Thomas Johansson explains.

This feature is also useful for fleet managers, who then can view the current status of all vehicles and take action when necessary.

The Modul-Connect system comprises of a control box with six ports, to which any electrical accessory can be connected. Each port will handle a load up to 30A, and is individually fused with a suitable size fuse. In addition, each port has a battery guard setting to reduce vehicle downtime.

You decide if you want each connected accessory battery protected or not. The level of the protection is normally set depending on whether the system is connected to your starter or auxiliary battery.

"Normally you want the battery guard set to 11.7Vdc if the system is connected to your starter battery, to be able to crank the vehicle. If connected to your auxiliary battery you normally choose 10.5Vdc which allows you to get a little bit more out of it", explains Thomas Johansson.

About Modul-System

Modul-System develops, manufactures and installs racking systems and equipment for service vehicles. The company is represented in 40 countries and has close to 50 years of experience in the industry. Modul-System is part of the Lifco group. Its head office is located in Mölndal just outside Gothenburg. For more information, please visit www.modul-system.com.

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There is also a level at 12.2Vdc to meet the demands from certain vehicle manufacturers.

“The possibility to choose, and in such a simple way, is pretty unique for our solution”, says Thomas Johansson.

As no complex programming is required the system is easy to install. It is also modular, so if you need more connection points, you can simply connect another box. The system is designed to fit your every need.

The Modul-Connect app holds additional functionality. For example, you can quickly get an overview of the battery status.

“That way, you can easily check that the battery has sufficient charge before leaving for a job”, says Thomas Johansson.

The functionality of the system will be continuously added to moving forward. For example, a vehicle weighing system will be introduced shortly. You will then be able to see the total vehicle weight in the app, as well as the weight on each axle.

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