

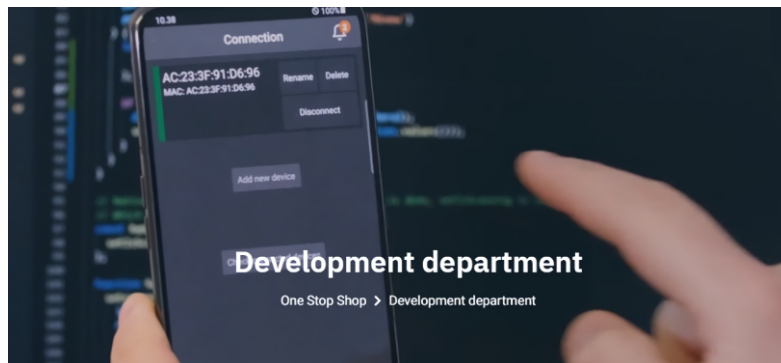
# Technology Partner for HVAC - Control Platforms – Power Components - Standard Components - IoT

Products

## Safe and Secure IoT

LS SmartConnect enables you to get a secure web connection to your product.

When your product is securely connected to the web, you have the option of controlling the product using a mobile phone or tablet. It is also possible to get your product connected to the fleet management system LS SmartConnect Center.



## In Need of Customized Solutions

In our development department, we have highly specialized development engineers for both hardware, software and apps.

Our engineers develop both standard products, customization-ready solution platforms and customer-specific solutions.

This gives you, as our client, a wide range of options to find exactly the solution you are looking for. Or to have a product adapted or developed according to your exact requirements.

We span many industries and competencies, and we always focus on finding the optimal solution. Both in terms of development time, production optimization and price of the overall task, not least in relation to your final production price of the product.

## We Care About the Environment

Therefore we keep a constant focus on providing state of the art electronic controls to optimize energy consumption in motors and compressors, and a long product lifetime which preserves resources. Our production department focuses on an environmentally friendly production - without ever compromising the quality of the final products.

Naturally we have certified our quality and environmental system according to ISO9001:2015 and ISO14001:2015.







Development department

Research & Development

## Benefits of Choosing Us for Your Project

When you choose to have a solution adapted or developed by us, you will be assigned a Key Account Manager, who will be your contact person in all aspects of your cooperation with us.

In close cooperation with our development department, the Key Account Manager makes sure to get the developers specialized in the field or fields required assigned to your project. The developers work together in project groups using each other's expertise. This ensures that your solution is optimized in all aspects.

Contact us to hear how to get your product ready for production quickly and efficiently at a competitive price

## From Idea to Product



From concept / specification to final product, we support and guide you safely through your development project. If you are already an experienced developer or have your own development department, we offer to assist you in obtaining the best results possible.

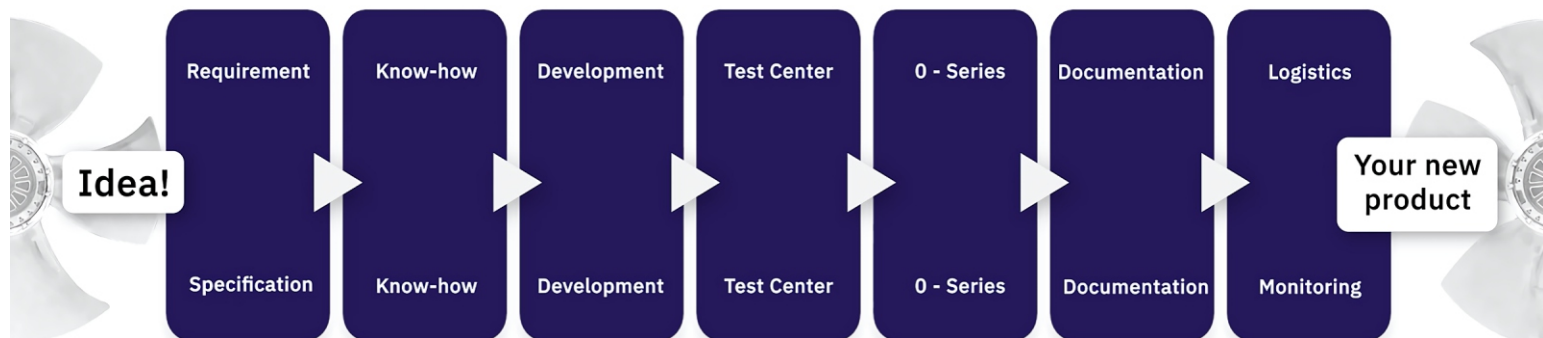
Do you have an idea or a question? You will always get a fast and competent response from us.

We work with you all the way through the new tasks and challenges you may face.

Each of our development engineers have expert knowledge within one or more specific areas. Knowledge which is continuously updated and shared with the team, letting the team achieve a broad and deep knowledge and experience in a variety of disciplines and specialities.



We take pride in assisting you quickly and competently.



## Our Business Relies on 3 Areas, Each of which Contributes to Define Us.

We take pride in being on the forefront of rules and regulations, not least the ECO-design, to ensure you get competent and reliable information and feedback from us, regardless if your need is for us to develop a brand new product for you or you need to get advice about one of our standard products.

### First Area is our Standard Products

Our range of standard products are a broad range of ready to install products, which are primarily supplied through wholesalers, and used by electricians and service technicians within the ventilation business.

### Second Area is our OEM Products

These are all products, which we have developed from scratch for a specific customer according to customer specifications, and in close cooperation with the customer. Subsequently we produce and deliver the products, which are always for manufacturers and our relation with our customers is very close.

### Third Area is our Customization Products

These products are generic products, which can be adapted to numerous businesses by finalizing and configuring the products to the requirements and specifications of individual manufacturers.

This approach speeds up the development time and lowers project costs. Even though the solution can be just as individual as the OEM solutions.

## Standard Products

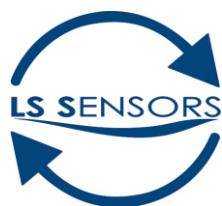
Investigate Our Standard Products Online.  
You Will Find a Whole Range of Options



Controllers for AC-Fans



Controllers for EC-Fans / 0-10V Controller



CO<sub>2</sub>

Temperature

Combination

ModBus

NTC / PT1000



Air-Flow

Wireless

Pressure

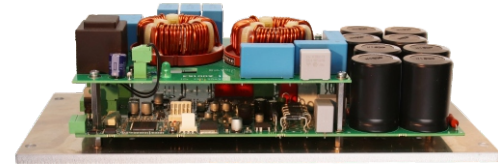


## Products for Customization

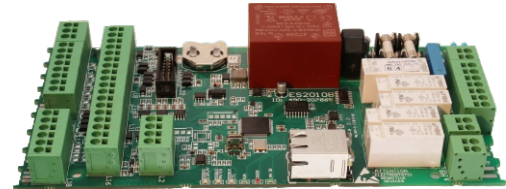
**Complex products always require customer-specific adaptations.** Specific requirements to functions, special dimensions, colors, icons in graphic displays, special menus, etc. are always crucial for manufacturer projects.

For frequency converters it is required that they are adapted to specific motor profiles.

Therefore we have developed a number of customization-ready solutions. These are a range of products which have been completed in a basic specification, and which are fairly easy to adapt to the individual manufacturer's requirements and specifications. This reduces both the development time and the project price.



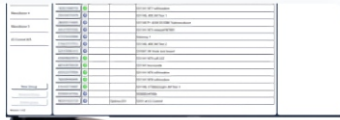
Inverters  
- for BLDC Compressores



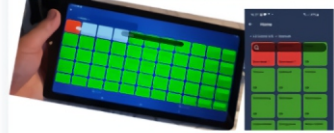
Controllers for Heat Pumps



Displays for Heat Pumps



See our customization-ready solutions on our web-page and contact us for an offer on customization to your requirements.



LS SmartConnect Center

Also do not hesitate to contact us if you do not find what you are looking for.

**Let us assist you in finding the right solution to meet your requirements.**

## Your Idea / Your Product

### Get the benefits from an experienced development department

We develop your product exactly as you want it based on the knowledge of our large R+D department. We assist with the electronic product development in all aspects. E.g. supplying complete control systems for heat pumps.

This also applies if you are looking for online cloud services with App and service management. We already have a complete operational system where we are responsible for both smooth operation and future developments.

Currently we are active in several customer projects with complete control systems for R290 heat pumps with integrated inverters.

**Contact us to get the benefit of electronics specialists with extensive experience.**



Gateway for Online products

