

XLL.2/XLR.2

Fan Modules for SMT Systems for Appropriate Cooling of All Components

optimize!
softing



The fan modules are on the side of every SMT system. They actively cool the individual components and thus enable reliable operation over a wide environmental temperature range.



Cooling

The two modules each have a radial fan. In the patented cooling procedure, air is drawn in through the side openings and forced through the ducts integrated in the module housing. Fan speed is controlled by the Realtime Gateway Controller based on the inside temperatures of all integrated modules.

Safety

Additional monitoring functions in the fan modules reliably prevent the system from overheating even when a fault occurs and thus also prevent possible hardware defects. If, for example, the internal system

communication fails or the exhaust air temperature exceeds the defined maximum value, fan performance is automatically increased. If, on the other hand, one of the two fans breaks down, the entire system can still be cooled with the remaining module in most cases due to the separate air ducts.

Perfect in Practice

Instead of ports situated on the front, as is the case with other SMT modules, the fan modules have sturdy handles. They can be used both to transport the systems and mount them within the vehicle.

Areas of Application

- Cooling of all components of the SMT system
- Mounting aid in mobile use

Advantages

- Constant temperature conditions for analog measurement technology
- No additional cooling of individual SMT modules necessary
- Suitable for all stages of extension
- Power consumption depending on the cooling performance actually required



AUTOMOTIVE
automotive.softing.com

Technical Data

Environmental Conditions	
Storage	-30 °C ... +85 °C, 10 % ... 90 % rel. humidity, non-condensing
Operation	-30 °C ... +70 °C, 10 % ... 90 % rel. humidity, non-condensing

Order Numbers

XLL.2	Fan module for SMT systems for appropriate cooling of all components (left)
XLR.2	Fan module for SMT systems for appropriate cooling of all components (right)