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**The ideal room controller for any system – SAUTER ecos505**

*The latest SAUTER room controller works in all systems and combines DALI, KNX and SMI in a single device. The SAUTER ecos505 can therefore connect the sunshade, lighting and room climate regulation systems for integral, energy-efficient room automation based on individual requirements.*

With the new ecos505 room controller, SAUTER provides a single device to integrate all systems. The communication abilities of the latest member of the SAUTER EY-modulo 5 system family enable integrated room automation with demand-led control of room climate, lighting and sunshade.

**Digital integration**

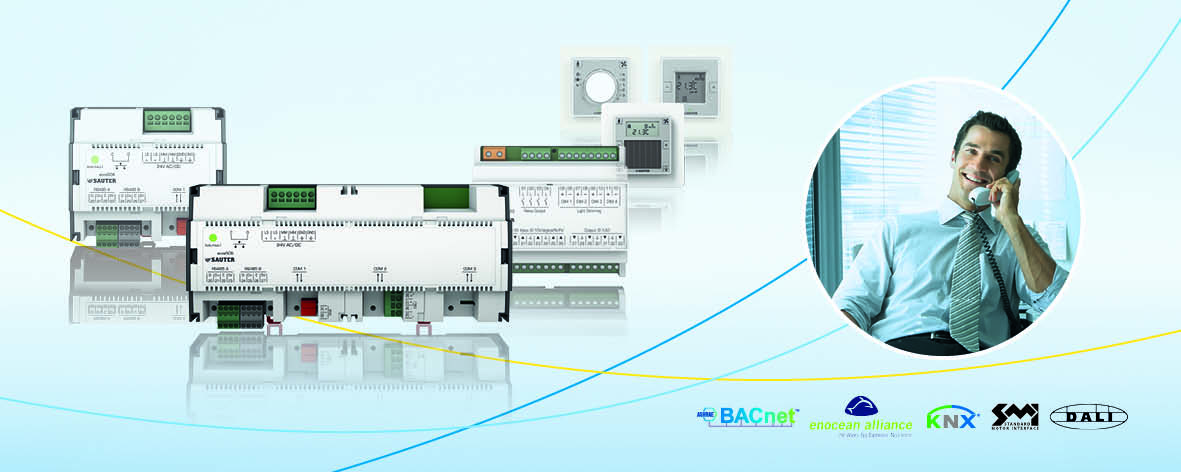
As the bigger brother of SAUTER’s ecos504 room automation station, ecos505 boasts as many as three additional digital interfaces for open communication protocols such as DALI, KNX or SMI. The KNX interface is the link to the electrical system and allows KNX touch panels or other KNX actuators and sensors to be integrated directly with the room controller. The DALI interface enables lamps to be integrated with DALI electronic ballasts, presence detectors and light sensors. Because the ecos505 can be equipped with up to three communication interfaces, DALI, KNX and other digital interfaces can be used simultaneously. Its modern controller architecture has been designed for additional communication modules. For example, SMI enables intelligent sunshade control to be easily added to a building.

**Modular, flexible and saves energy**

The SAUTER ecos505 works with remote ecoLink I/O modules, providing maximum flexibility when connecting field devices. The compact controller is freely programmable and provides historical data, schedules, calendars, COV and room functions as per VDI 3813. Room operating units can be directly connected to it, allowing eight rooms to be automated with just one controller.

In addition, you can integrate EnOcean room operating units and sensors wirelessly using the EnOcean interface. The SAUTER ecos505 is therefore also ideally suited to controlling open and flexible room concepts. The SAUTER ecos505 is a freely programmable BACnet building controller (B-BC). SAUTER’s CASE Suite engineering platform can be used to configure the controller.

All of the available ECO functions enable the highest level of energy efficiency as per EN 15232. The energy consumption is reduced considerably while comfort for the room user is ensured.



*As a leading provider of solutions for building automation technology in Green Buildings, SAUTER provides pleasant conditions and a sense of well-being in sustainable environments. SAUTER is a specialist in developing, producing and marketing products and systems for energy-efficient total solutions, and offers a comprehensive range of services to ensure the energy-optimised operation of buildings. Our products, solutions and services enable high energy efficiency throughout the entire life-cycle of a building, from planning and construction through to operation, in office and administrative buildings, research and educational facilities, hospitals, industrial buildings and laboratories, airports, leisure facilities, hotels and data centres. With over 100 years’ experience and a track record of technological expertise, SAUTER is a proven system integrator that stands for continuous innovation and Swiss quality. SAUTER provides users and operators with an overview of energy flows and consumption, and of the development of the costs involved.*

The SAUTER Group

* An international corporation with its headquarters in Basel, Switzerland
* Founded in 1910, it can rely on more than 100 years of tradition and experience
* With more than 2,300 employees, it is present and active globally
* Complete building management solutions from a single source Focusing on maximum energy efficiency and sustainability
* Safeguarding investments and operational reliability throughout the life-cycle of a building
* Technology leader in the building automation and system integration sector
* Member of eu.bac, BACnet Interest Group (BIG-EU), BACnet International, EnOcean Alliance
* Impressive references at www.sauter-controls.com