

SAUTER EY-modulo: Making intelligent use of the flow of energy within buildings.

Nowadays, a building's quality is judged by its energy consumption. The building technology has the job of making energy utilisation as efficient as possible, while conserving resources. The modular SAUTER EY-modulo automation system offers the latest state of the art in a compact package. It ensures that all types of energy are used efficiently in the building, with capacity left over for future plans.



High efficiency with a compact design: because the SAUTER EY-modulo system is modular, it adapts to changes in usage.

Accurate, targeted control of energy flows in line with demand.

The living environments of the future have to adapt to their users and to the current room situation. This is why building automation and its complex systems require effective and flexible control. SAUTER EY-modulo offers accurate and targeted control of energy flows in line with demand, through the arteries that supply the building. High-precision zone and power control, or lighting management – so that light, heat, ventilation and air-conditioning are provided at the right time, in the right quantities and at the right places.

Open to new ideas.

Open systems are called for in new buildings, while refurbishments require the possibility of integration and expansion at a later stage. To meet these needs, automation technology must communicate openly, in a way that is compatible with the existing building automation components. Because SAUTER EY-modulo is backwards-compatible, it allows modernisation work even while operation is in progress, so that any adverse effects and interruptions to operation are minimised. In this way, the quality of building automation plays a key part in the quality of the building.



Modular system integration – your guarantee for the future.

Even when supply networks branch out further and new tasks are created, SAUTER EY-modulo ensures that the building automation system is equipped to deal with future extensions, changes of use and refurbishments. SAUTER EY-modulo guarantees reliable, energy-efficient supplies of heating and cooling energy, lighting and electrical power for tasks such as fire protection or room occupancy management. Modules that can be integrated at any time allow the continuous development of complete, cost-effective solutions for complex building technology systems. The compact space-saving modules can also be retrofitted with no problems.

Renewable energies are becoming part of the building concept.

Integrated approaches are now being incorporated into the planning of buildings – examples include the efficient use of conventional forms of energy together with the integration of regenerative energy sources. While the building is in use, cost-effectiveness can be improved by optimising the energy consumption without interrupting operation. SAUTER's automation technology implements consistent end-to-end building management that utilises the available energy sources to prevent wastage of energy that "trickles away". The result: building automation becomes the key to cost-effective, sustainable construction.



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