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## SAUTER EY-modulo5: intelligent room automation with wireless dialogue

Whenever energy efficiency is the order of the day, SAUTER leads the field. The ecoUnit1 room operating unit proves this point yet again. This innovative product is a member of the SAUTER EY-modulo 5 family of automation systems which won the 2009 Building Efficiency Award. Thanks to the new bi-directional wireless communication facility, users can now view the room conditions on the display.

The latest generation of ecoUnit1 room operating units developed by SAUTER combine an attractive visual appearance with state-of-the-art technology; they also feature energy autonomy with easy, low-cost fitting and maintenance, and are simple to operate. Innovative EnOcean wireless technology based on the new STM 300 Dolphin platform enables the sensors to communicate with each other in both directions, so users benefit from a helpful dialogue. For example, as well as sending the set fan speed for a room to a central control facility, a room operating unit can also receive and display room status information from a central point.

### Powered by a miniature solar cell

The display of the new ecoUnit1 uses clear symbols to indicate actual values, setpoints, humidity, light intensity, air quality, operating modes, fan speeds and information on heating, cooling and operation; thanks to the bi-directional communication, users can see what is really happening in the room in terms of energy technology. The energy-harvesting principle is the basis for the entire operation of the new product, which is powered by a miniature solar cell. Maintenance is easy because no batteries are needed, and its wireless technology also cuts installation costs.

### An economical and flexible cutting-edge product

SAUTER believes that the handling, compatibility and design of its products are just as crucial as the technology that they use, so the ecoUnit1 operating unit fits into most of the third-party frames that are available on the market. This makes it easy to comply with customers' colour preferences, and custom-designed labelling and inscriptions are also possible. Another advantage: the SAUTER room automation solution permits maximum flexibility for refurbishments or retrofits in existing buildings. Wireless operation eliminates the need to break through walls and replaster them, and the remote wireless receiver can be positioned freely to ensure the best possible communication between the transmitter and the receiver. These devices can be affixed by either screws or adhesives, making them ideal for buildings of ultra-modern design with glass partition walls.

More information on SAUTER products is available at: [www.sauter-controls.com](http://www.sauter-controls.com). For information on the company's centenary, visit: [www.sauter-100.com](http://www.sauter-100.com)

SAUTER provides pleasant conditions by offering solutions which assume responsibility for the protection of the environment for future generations. SAUTER develops, produces and sells energy-efficient building management systems and offers a range of extensive services to ensure energy-optimised operation. The company ensures a high level of energy efficiency in offices, research and educational establishments, hospitals, industrial premises, laboratories, airports, leisure centres, hotels and many other sectors.

#### SAUTER Group

- Based in Basle, Switzerland, with worldwide operations
- Founded in 1910, meaning 100 years of tradition and experience
- Currently has about 2000 employees and is expanding continuously
- Total solutions for building management from a single source, with the focus on providing maximum energy efficiency and sustainability
- Security of investment plus operational reliability over the whole life-cycle of the building
- Technological leader in green building automation and system integration
- Member of eu.bac, BACnet Interest Group (BIG-EU), EnOcean Alliance, LONMARK International
- References available at: [www.sauter-controls.com](http://www.sauter-controls.com)

