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New models in the SAUTER BIM library

Since BIM (Building Information Modelling) was introduced, it has become the standard process for digital building planning. The SAUTER BIM library supports architects, engineers and construction planners in projects throughout the entire building cycle. The database has recently been supplemented with CAD and Revit model data.



Construction projects are planning-intensive, often expensive, and usually not very agile. Too many players are involved and there are too many interdependencies. In addition, planning processes of different trades are often insufficiently linked – both across disciplines and over the entire life cycle of the building. This means that the later unforeseen events occur, the greater the impact on deadlines and costs. The Building Information Modelling (BIM) method was developed as a solution to this problem.

BIM allows buildings to be developed and operated with digital data that can be accessed by each specialist involved. To this end, all building data is recorded over its entire life cycle. The first step is to create a model for testing the new building project. Today, digital building planning based on BIM is standard and is globally present in all construction sectors.

The SAUTER BIM library

The BIM library now includes models for the [Smart Sensor](#), the [ecoLink510...512, 514, 515, 522, 523 and 527 remote I/O modules](#), the [ecos504/505 room automation station](#), the [EGP 100 differential pressure transmitter](#), the [ADM 322 rotary actuator](#), the [TFL 201 frost monitor/limiter with capillary sensor](#) and the [DEF butterfly valve](#).

Advantages of BIM

- Improved collaboration: BIM enables architects, engineers and other project stakeholders to work together on a common platform to coordinate the planning and execution of construction projects.
- Reduction of errors: By using BIM models, potential errors in the planning process are identified and corrected before they have any effects on the construction work.
- Increased efficiency: BIM allows the construction process to be simulated from start to finish in a virtual environment, thus streamlining project planning and execution, and increasing efficiency.
- Cost savings: BIM can help better estimate project costs and reduce unnecessary spending.

About SAUTER

As the leading provider of solutions for building automation technology in Green Buildings, SAUTER ensures good climate 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 of 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 therefore of the development of the costs involved.

The SAUTER Group

- Company active worldwide with headquarters in Basel, Switzerland
- Founded in 1910, it is built on more than 100 years of tradition and experience
- With more than 3,300 employees, it is present and active globally
- Complete building management solutions from a single source
- Focus: maximum energy efficiency and sustainability
- Investment protection and operational reliability over the entire building life-cycle
- Technology leader in the building automation and system integration sector
- Member of eu.bac, BACnet Interest Group (BIG-EU), BACnet International, EnOcean Alliance
- Excellent references available at www.sauter-controls.com