

ePLAN®
data portal



The screenshot shows the ePLAN Data Portal interface. At the top, there is a search bar with the text "(Suche)". Below it, the page is titled "Nutzungsbedingungen". The main content area is titled "Hersteller" and lists various manufacturers with their logos and names:

- Rockwell Automation
- ABB
- Bachmann
- HARTING
- HELUKABEL
- igus
- LAPPKABEL
- MOELLER
- PEPPERL+FUCHS
- pilz
- PHOENIX CONTACT
- RITTAL
- Schneider Electric
- SEW
- SIEMENS
- WAGO
- Weidmüller

At the bottom of the page, the following text is visible:

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Impressum | Nutzungsbedingungen

ePLAN library for control cabinet construction

Good automation components no longer suffice for successful machine building and plant engineering projects. Efficient development and project planning is becoming ever more important. Bachmann electronic meets the requirements and supports its customers with two additional components in the integrated engineering process.

The device data necessary for electrical design of the Bachmann automation components is provided as a library in the ePLAN data portal. Macros for circuit diagram and control cabinet layout, function templates for intelligent configuration of controllers, item data for the spare parts catalog; The data that is created and certified with ePLAN can be loaded directly into the ECAD project and immediately used for the design – a significant contribution in time savings, as well as for uniform structuring of the project.

With the new eCAD import functionality in the SolutionCenter the time of automation projects can be significantly reduced. While one team plans parts lists, circuit diagrams and control cabinet layouts, another team can create the required software in parallel. Through the use of symbolic variables in the software, to this point in the project knowledge of the structure of the hardware is not required. Only through automatic import of the ECAD data into the SolutionCenter will a link be established between symbolic variables and the hardware used, and an operable software module be generated. Variants, extensions or corrections in ECAD project planning are no problem – the software module will simply be re-generated with the changed and newly-imported ECAD data.

The EPLAN library of Bachmann components is available via the EPLAN Data Portal (www.eplandataportal.com).

The screenshot shows the EPLAN Electric P8 software interface. The main window displays a project tree on the left and a detailed view of a component on the right. The component is identified as "bachmann. Bachmann electronic GmbH". The detailed view includes technical specifications and a small image of the component. The interface also shows a "Grafische Vorschau" (Graphic Preview) window at the bottom left.

ePLAN library

The ePLAN library contains device data, macros and technical documentation of all automation components: M1 hardware, visualization hardware and S1 servo system.

- Direct transfer from the portal into the electrical project planning
- Tested and assured quality through Certification
- Ongoing update and extension
- Support for the entire electrical project planning
 - circuit diagrams, control cabinet layouts,
 - Overview drawings, PLC configurations and spare part documentation
- Support for implementation of the library
- Use of design software ePLAN P8 and higher

ECAD import in the SolutionCenter

- Software is created with symbolic variables
- Linking of the symbolic variables with the hardware used through import of the ECAD data into the SolutionCenter
- An operable software module is generated
- Variants, extensions, or corrections in the ECAD project planning can be easily integrated at any time through subsequent import

