Updates 26.1
SIMARIS Planning Tools

Totally Integrated Power



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The SIMARIS Suite

SIMARIS design
for network calculation
and dimensioning

design

SIMARIS project
for determining the space requirements of distributing systems and the budget as well as creating technical specifications and standardized BIM export

project

sketch

busbarplan

SIMARIS sketch & SIMARIS busbarplan
for BIM-compliant planning of busbar trunking systems (as plug-in for Autodesk Revit)

SIMARIS curves
for visualizing characteristic tripping curves, cut-off current and let-through energy curves

curves

…available as web version!

SIMARIS Web Tools
contains practical calculation tools



Newscenter
always up-to-date

Tender Specification Texts & BIM

Support-documents/Videos

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SIMARIS design 26.1 – What´s new?

New features

- Transformer reserve power can be displayed as a parameter on the network diagram
- Transformer reserve power can be edited with the table function
- In the configurable network diagram output, all calculated short-circuit currents of the respective main operating mode can now be selected for display on the network diagram

Data adaptations and enhancements of products

- New NH fuse inserts with a measurement function 3NA6-COM
- Addition of further variants SIMATIC ET 200SP e-Starter 3RD1
- Addition of further variants residual-current circuit-breaker 5SV3
- Addition of further variants compact circuit-breaker 3VM (India only)
- Update of selectivity tables (no changes to backup tables)

Various little functional adjustments as well as correction of minor errors

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SIMARIS design 26.1 – Interfaces

Interface with SIMARIS project

- Compatibility of transfer file from SIMARIS design 26.1 to…
  - SIMARIS project 26.1 is supported
  - SIMARIS project 26.0 or earlier is not supported

Interface with Efficiency Guide 2.0

- SIMARIS design 26.1 provides an export file as the basis for the Efficiency Guide in the SIMARIS toolbox.

  The Efficiency Guide 2.0 enables an evaluation / optimization of energy efficiency in accordance with DIN VDE 0100-801 for network planning with SIMARIS design.

Interface with SENTRON Powerconfig

- With SIMARIS design 26.1, it is possible to export setting values for protection devices as a .sx file and import them into the SENTRON powerconfig software.

  These setting values enable direct parameterization of communication-capable protection devices.

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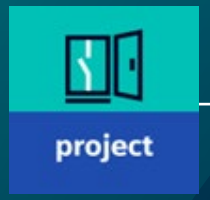
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SIMARIS project 26.1 – What´s new?



System compatibility

- SIMARIS project 26.1 allows to load projects of version 25.x and 26.0

New features/systems

- None

Data adaptations and enhancements of products/systems

- No adaptations

Various little functional adjustments as well as correction of minor errors

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SIMARIS project 26.1 – What´s new?

Interfaces

- Interface to **SIMARIS design** (transfer file from SIMARIS design) expanded by new devices/systems incl. automatic assignment to matching systems and automatic configuration.
  - ➢ Project data transfer from SIMARIS design 26.1 to SIMARIS project 26.1 is possible, project data transfer from previous versions (SIMARIS design 26.0 and earlier) is not possible
- Project data transfer from SIMARIS project 26.1 to **SIMARIS configuration** is possible
- Project data transfer from **SIMARIS sketch** 26.1 to SIMARIS project 26.1 is possible
- Project data transfer from **SIMARIS busbarplan** 26.1 to SIMARIS project 26.1 is possible
- Project data transfer from SIMARIS project 26.1 to **Autodesk Revit** (via SIMARIS BIM Plug-in incl. 3D and technical data) using the IFC output

Documentation

- Export of 3D-data for BIM (Building Information Modeling) in IFC 4.0-format
  - ➢ Download the latest version of the plug-in for import into Autodesk Revit at www.siemens.com/simarisproject/bim
- Export of 3D-data for BIM (Building Information Modeling) in IFC 4.3-format for the update of low-voltage and medium-voltage switchboards according to buildingSMART standardized use cases 2.6 and 2.7
- Tender specification text updates regarding products and systems (GAEB xml, rtf)

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SIMARIS curves 26.1 – What´s new?

New functions, only available in the Scu web version

- Optimized device management in a project
  - Reposition devices in the device list
  - Duplicating existing devices including configuration
  - Modify device parameters retrospectively
  - Customization or device names
- Optimized product search with display of search results as a suggestion list; product from the suggestion list can be added directly or alternatively configured before adding

- Static reference lines for let-through energy and current diagrams
- SIMARIS curves is connected to SIMARIS xchange

Data adaptation and enhancement of products

- Characteristic curve update for electronic overload relay 3RB3
- Addition of further variants for:
  - SIMATIC ET 200SP e-Starter 3RD1
  - SIMOCODE current/voltage sensing modules 3UF8
  - Molded case circuit breakers 3VM (for India only)

New products

- New addition of NH fuse links with measuring function 3NA6-COM

Various little functional adjustments as well as correction of minor errors

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SIMARIS sketch 26.1 – What´s new?

Data adaptation and enhancement of systems

- Improved user experience
  - Selection of connected and mounted elements possible via TAB or SHIFT-TAB
  - Components can be assigned to another busbar run in the properties
  - Revision of the "Copy with Reference" function
- Revision of the clearance
- Integration of a help system (F1)
- Extension to include new languages NL, PL, CZ, SK, HR and HU

Compatibility

- SIMARIS sketch 26.1 allows to load projects of version 24.1, 25.x, and 26.0

Various little functional adjustments as well as correction of minor errors

Interfaces & Output

- SIMARIS sketch 26.1 projects can be exported and be imported into **SIMARIS project** 26.1
- Projects from SIMARIS sketch 26.1 can be imported into **SIMARIS busbarplan** 26.1
- Parts list output: the part list components of the BD2 and BD01 systems can be transferred to the shopping cart of the **Sieportal**
- Export of 3D-data for BIM (Building Information Modeling) in **IFC format**

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SIMARIS busbarplan 26.1 – What´s new?

System-compatibility

- SIMARIS busbarplan 26.1 allows to load projects of versions 1.x, 2.x, 24.x, 25.x and 26.0
- SIMARIS busbarplan 26.1 is compatible with Autodesk REVIT versions 2023, 2024, 2025, and 2026

Various little functional adjustments as well as correction of minor errors

Data adaptation and enhancement of systems

- New BD2 tap-off boxes added
- License system optimized
- Categorization of all project planning rules for Notice Dialog
- Revision of the LI-TCE(T) special flags and LI-TCS
- Improvement of the "Check" function
- Clearance correction for LD and LR system

Interfaces & Output

- Projects can be exported by way of the transfer file (BOM function), and be imported into **SIMARIS project** 26.1
- Projects from **SIMARIS sketch** 26.1 can be imported into SIMARIS busbarplan 26.1
- Projects can be exported to **Busbarcheck**
- Parts list output: the part list components of the BD2 and BD01 systems can be transferred to the shopping cart of the **Sieportal**
- Export of 3D-data for BIM (Building Information Modeling) in **IFC format**
- SIMARIS busbarplan 26.0 project data can be transferred to **SIMARIS busbar**

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Currently available SIMARIS Web Tools



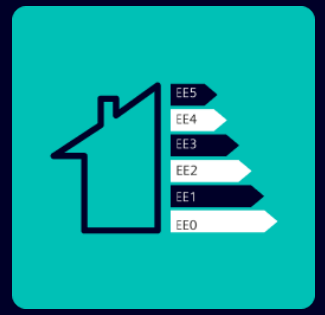
SITRATO

for pressure calculations in case of internal arcing in the transformer room



EMC Busbar

for calculation of the electro-magnetic interference fields for the SIVACON 8PS busbar trunking systems



Efficiency Guide

for evaluating the energy efficiency of buildings according to IEC 60364-8-1



Selectivity & Back-up Manager

for calculation and documentation of project specific selectivity and backup values



SIMARIS xchange

for efficient and safe collaboration on SIMARIS tools, projects, and BIM data in a cloud platform



SIMARIS ecoguide S8

for visualization of sustainability and costs for decision-making on SIVACON S8 configuration



SIMARIS ecoguide busbars

for visualization of sustainability and costs for decision-making on SIVACON 8PS busbar trunking systems

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Our offerings at Totally Integrated Power

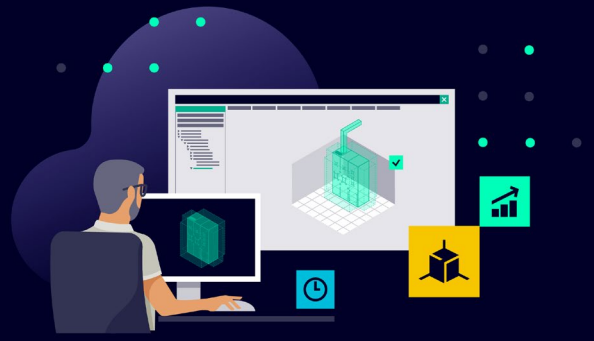
www.siemens.com/tip



Project support



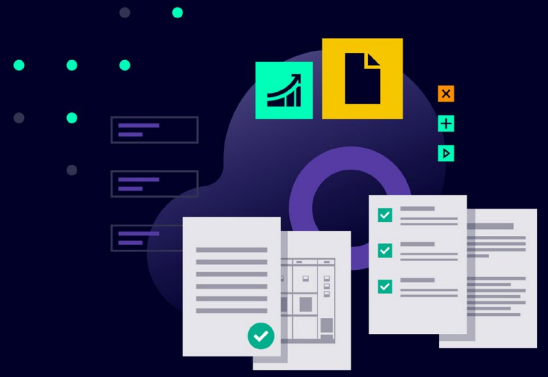
SIMARIS planning tools



BIM for electrical planning



Tender specifications



Technical documents



Trainings and events

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Contact

Published by Siemens AG

SIMARIS Marketing
SI EA S TIP CTT
Mozartstr. 31c
91052 Erlangen
Germany

E-mail simaris.tip.energy@siemens.com

For the U.S. published by Siemens AG

Siemens Industry Inc.
100 Technology Drive
Alpharetta, GA 30005
United States

siemens.com/simaris

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