



9.2.0

Totally Integrated Power

## Version 9.2 (Update) 05/2018

- System compatibility
  - SIMARIS design 9.2 allows to load projects of Version 8.x and 9.x
- Adaptation of functions
  - Armored cables on the basis of British Standard BS5467
- Newly integrated products and systems
  - 3WL10 circuit-breaker
  - 3VA25 630A circuit-breaker
  - 3VA1 circuit-breaker
  - 3KF switch disconnector
  - SINAMICS G110D, G110M and G120D frequency converters
  - 3VA motor starter combinations
  - SIRIUS motor starter combinations up to size S2
  - SIRIUS 3RV2 motor starter protector size 3 40-100A
- Data adaptations and expansions of products and systems
  - 1LE motor
  - 3NA fuse systems: Update characteristic curves
  - 3VA circuit-breaker: Update characteristic curves 440/500V
  - LD busbar trunking system: Reduction factor functional endurance
  - LI busbar trunking system: Dimensioning of tap-off units with 3VA2
  - LR busbar trunking system
  - Low-voltage portfolio: 3WT8, 5SG1, 5SG5, 5SV9, 5SV4..MB (Brasil), 5SD7..CC (China)
- Various little functional adjustments
- Interfaces
  - Interface to SIMARIS project (transfer file from SIMARIS design) expanded by new devices incl. automatic assignment to matching systems and automatic configuration
  - Project data transfer from SIMARIS design 9.2 to SIMARIS project 5.2 is possible by way of the transfer file, project data transfer to previous versions (SIMARIS project 5.1 and earlier) is not possible with SIMARIS design 9.2
  - Settings of protective devices calculated in SIMARIS design can be transferred to powerconfig 3.10 via an export file from SIMARIS design (.SX), so they can be used directly for parameterization of the communication capable protective devices with powerconfig 3.10.
- Correction of minor errors

## Version 9.1 (Update) 03/2017

- **System compatibility**
  - SIMARIS design 9.1 allows to load projects of Version 4.x, 5.x, 6.x, 7.x, 8.x and 9.0
- **Adaptation of functions**
  - Output of data evaluation on the basis of IEC 60364-8-1 (VDE 0100 Part 801)
  - Actualization of busbar temperature in case of functional endurance to 205°C
  - Actualization of factor for calculation of the conventional fusing current to 1.45 x In (IEC 60269-1)
- **Newly integrated products and systems**
  - 3VA25 800/1000 A circuit-breaker
  - Turkey: 3VM1 circuit-breaker up to 250 A
  - Turkey: 3VM1 switch disconnecter up to 250 A
  - SINAMICS G120p cabinet frequency converter (power 500/560/630 kW for 500-590V)
  - Russia: DYN11 transformer incl. radial-flow fan
  - Brazil: New low voltage values for transformers
  - Automatic dimensioning of 3VA1 for final circuit
  - Automatic dimensioning of 5SY6/5SY4/5SY7 for DE and AT
  - Automatic dimensioning of 3RV2 for simple motor protection
- **Data adaptations and expansions of products and systems**
  - Data update of the BD2 busbar trunking system: Reduction factor functional endurance
  - Data update of the LD busbar trunking system: Dimensioning of tap-off units with 3VA2
  - Update of characteristics for 5SP4
- **Various little functional adjustments**
- **Interfaces**
  - Interface to SIMARIS project (transfer file from SIMARIS design) expanded by new devices incl. automatic assignment to matching systems and automatic configuration
  - Project data transfer from SIMARIS design 9.1 to SIMARIS project 5.1 is possible by way of the transfer file, project data transfer to previous versions (SIMARIS project 5.0 and earlier) is not possible with SIMARIS design 9.1
  - Settings of protective devices calculated in SIMARIS design can be transferred to powerconfig 3.5 via an export file from SIMARIS design (.SX), so they can be used directly for parameterization of the communication capable protective devices with powerconfig 3.5.
- **Correction of minor errors**