

DOC2

Release Notes

Release 2.0.0.0084

What's New

- Updated MS116 manual motor starters family;
 - Added MS132 and MO132 manual motor starters families;
 - Added EF electronic overload relays family;
 - Added TF thermal overload relays family;
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Release 2.0.0.0083

Fixed Bugs

- Fixed minor bugs in Curves module.

Thanks everyone who reported them at software.tools@it.abb.com.

Release 2.0.0.0081

What's New

- Minor improvements;

Fixed Bugs

- Fixed minor bugs.
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Release 2.0.0.0080

Fixed Bugs

- Fixed minor bugs.
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Release 2.0.0.0079

What's New

- Improved management and drawing process for circuit breakers accessorized with residual current blocks or rear terminals;
- Tmax XT MCCBs accessorized with residual current blocks can be installed on back plate;

- Tmax XT MCCBs accessorized with residual current blocks can be installed on DIN rail; if not selected by the user, the DIN rail adapter kit for the circuit breaker is automatically added to the bill of material;
- improvements for the IS2 and AM2 partial back plates management;

Fixed Bugs

- Minor fixes.

Release 2.0.0.0077

Fixed Bugs

- Fixed database relations for T5 and relative RCD

Known Issues

- If the busway length is not specified, the load flow calculation has no solution. Workaround: do not forget to specify busway length
- Into the report of "LV Circuit Breakers" column InN / In, it is shown "-100" instead of "OFF"

Release 2.0.0.0076

Fixed Bugs

- Restored pre-filtering on Switch Disconnectors mask
- Restored filtering when opening the disconnecter detail mask on an already selected disconnecter (DOC was showing always T7D switches)

Known Issues

- If the busway length is not specified, the load flow calculation has no solution. Workaround: do not forget to specify busway length
- Into the report of "LV Circuit Breakers" column InN / In, it is shown "-100" instead of "OFF"

Release 2.0.0.0074

What's New

- Added backup tables XT - S200

Fixed Bugs

- Circuit breaker families selection in Advanced Option restored
- Restored circuit breakers database (Tmax T2 with Electronic TripUnits now available)
- Fixed access violation exception in multiple configuration projects (for projects developed with older DOC versions)

Known Issues

- If the busway length is not specified, the load flow calculation has no solution. Workaround: do not forget to specify busway length
- Into the report of "LV Circuit Breakers" column InN / In, it is shown "-100" instead of "OFF"

Release 2.0.0.0073

What's New in Single Line Diagram

- Added new Product Family Emax 2
- Added Electronic settings for the following trip units:
 - PR222DS/P,
 - PR222DS/PD,
 - PR222MP,
 - Ekip LSI,
 - Ekip LSI G
 - PR223EF
 - PR223DS

What's New in Switchboard Configurator

- New "ArTu improvements" (W1000, up to 6300A) enclosures range, managed by the graphic configuration module
- New IS2, AM2 e C2 base integration, managed by the graphic configuration module

Fixed Bugs

- Circuit breaker families selection in Advanced Option restored
- Coordination tables restored (now also TM breakers are considered)

Known Issues

- If the busway length is not specified, the load flow calculation has no solution. Workaround: do not forget to specify busway length
- Into the report of "LV Circuit Breakers" column InN / In, it is shown "-100" instead of "OFF"
- Some Tmax T2 with Electronic Trip units (In<320A) are missing in the database

Release 2.0.0.0068

What's New in Single Line Diagram

- Added two new drawing layouts (A3-7 and A3-9)
- Introduced new mask for Circuit breakers and Switch Disconnectors selection (same layout used in CAT)
- Introduced Discrimination and Backup tables for Tmax XT Circuit Breakers
- Circuit Breakers selection performance improved
- Introduced Measurement, Command and Control Devices in a new toolbar. Devices can be selected using the Macro toolbar or using the Free Selection
- Updated czech localization

Known Issues

- If the busway length is not specified, the load flow calculation has no solution. Workaround: do not forget to specify busway length
- Into the report of "LV Circuit Breakers" column InN / In, it is shown "-100" instead of "OFF"

Release 2.0.0.0066

What's New in Single Line Diagram

- Added Russian User manual
- Removed Ra (grounding resistance) value from plant general properties and from busbar mask. Setting still available in the "Protection" mask of circuit breakers and in trafos

Fixed Bugs

- Restored motor contribution during calculation
- Fixed selection bug for residual current circuit breakers

Known Issues

- If the busway length is not specified, the load flow calculation has no solution. Workaround: do not forget to specify busway length
- Into the report of "LV Circuit Breakers" column InN / In, it is shown "-100" instead of "OFF"

Release 2.0.0.0065

What's New in Single Line Diagram

- Updated German localization

What's New in Switchboard Configurator

- Improved the din rail panels copy function, the moved panels (using multiple selection) don't overlap anymore the column borders
- Improved the back plates automatic replacement function, now it checks the dimensions consistency for the replaced plates
- Improved the accessorized MCCBs drawing, the positioning function checks the max number of MCCBs which can be placed in a kit

Fixed Bugs

- Print command from Curves module has been restored
- Restored images in Curves Module

Known Issues

- If the busway length is not specified, the load flow calculation has no solution. Workaround: do not forget to specify busway length
- Into the report of "LV Circuit Breakers" column InN / In, it is shown "-100" instead of "OFF"

Release 2.0.0.0064

Fixed Bugs

- Into the report "Calculation And Dimensioning Criteria" the reference standard was always set as IEC IEC60909. Now it reflects the selected standard.
- Values of R, X, Q of trafos were not correctly shown in reports

- Removed the warning on the short circuit protection even if the protection was guaranteed.
- From now on cosphi setting can be set only from the Advanced options (removed from MV Distribution calculation options)

Known Issues

- Print command not working in Curves when entering from DOC

Release 2.0.0.0063

Fixed Bugs

- Fixed German localization issues
- Fixed startup error in Danish version
- Calculation times are now saved between several calculations
- Fixed selection of small MCBs
- SLD is drawn again after adding devices from CAT
- Switchboard accessories are now restored after passing from CAT to DOC
- Added the inner doors block for Cable container W=300, ArTu K

Release 2.0.0.0059

What's New in Single Line Diagram

- **DOC2** is now integrated with **DriveSize 3.5** for dimension the protection for Single Drive Motors. Integration is limited for the moment to Single-Drive Motors
- Improved Discrimination-Backup selection performance
- Breakers in a Discrimination-Backup relation are marked with a star (*)
- New reports in the Documentation manager
- Discrimination - Backup
- Transformers
- Utility Report
- Loads Report
- Report Generation performance improved
- New plant general properties window
- Symbol Trafo Mv-Lv removed, but kept as option
- Simplified "Advanced Options" window
- Motor Contribution will always be considered in short circuit calculations
- Removed, from Cables section, the number of iterations (will be fixed)
- Automatic Curves check after network calculation (not-verified objects will be highlighted in yellow)
- User will not have any more the possibility to choose the reference temperature for minimum short circuit current calculations, temperature values are fixed by the reference norm

What's New in SwitchboardConfigurator

- It is now possible to duplicate, columns, kits, devices and vertical bars by simply using native CAD copy-paste function
- It is now possible to draw in the Single Line Diagram a component added from the DeviceManager
- The command “SwitchBoard Graphic Copy” lets now users to copy switchboards on different pages
- Introduced the series SR2 Enclosures

General

- Localization
- Updated finnish localization
- Drawing language inherited directly from ABBSoftwareDesktop settings
- Database upgraded, added:
 - OF Fuses
 - OT Switches
 - OS Switch-Fuses