TIA Selection Tool

Release Notes V2022.03

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Features of Control Panel Design

New functionalities

- For IEC user defined loads you can now select miniature circuit breaker and gG fuses as protection device. Backup protection is not considered. The selection of SENTRON miniature circuit breaker 5SY is only possible if the maximum short circuit current of the infeed is not higher than 35 kA. When using the standard value of 50kA there won't be any results after clicking on the calculate button.

**The following functions are new and only available as beta function:**

- Soft starter dimensioning: Load feeder combinations with 3RW soft starters can now be dimensioned for IEC networks. An extensive simulation can be created that selects the appropriate soft starter based on the motor and the application parameters. Also the user experience was optimized and improved compared to the technology preview.

- Hybrid starter for ET 200SP: For IEC networks now SIRIUS hybrid starter for ET 200SP can be dimensioned and configured. For loads up to 5.5kW you can choose either a load for constant or periodic operation. In case of periodic operation you can set the appropriate application parameters to dimension the hybrid starter correctly.

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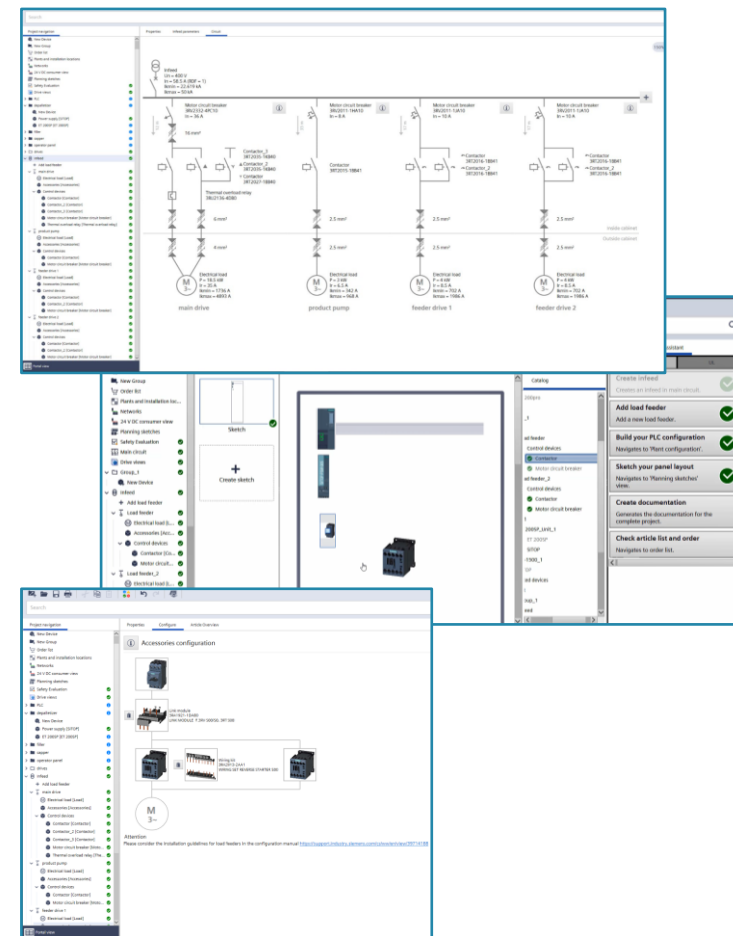
Features of Control Panel Design

Known issues

- In some cases it happens that not all elements of a main circuit are completely output in the printout and remain empty.

- In some cases it may happen that TIA Selection Tool crashes, when then load type gets changed several times and then the a calculation is proceeded under control devices.

- In user defined loads a selection of miniature circuit breaker 5SY is only possible, when the maximum short circuit current of the infeed is not higher than 35kA. Backup protection is not considered.
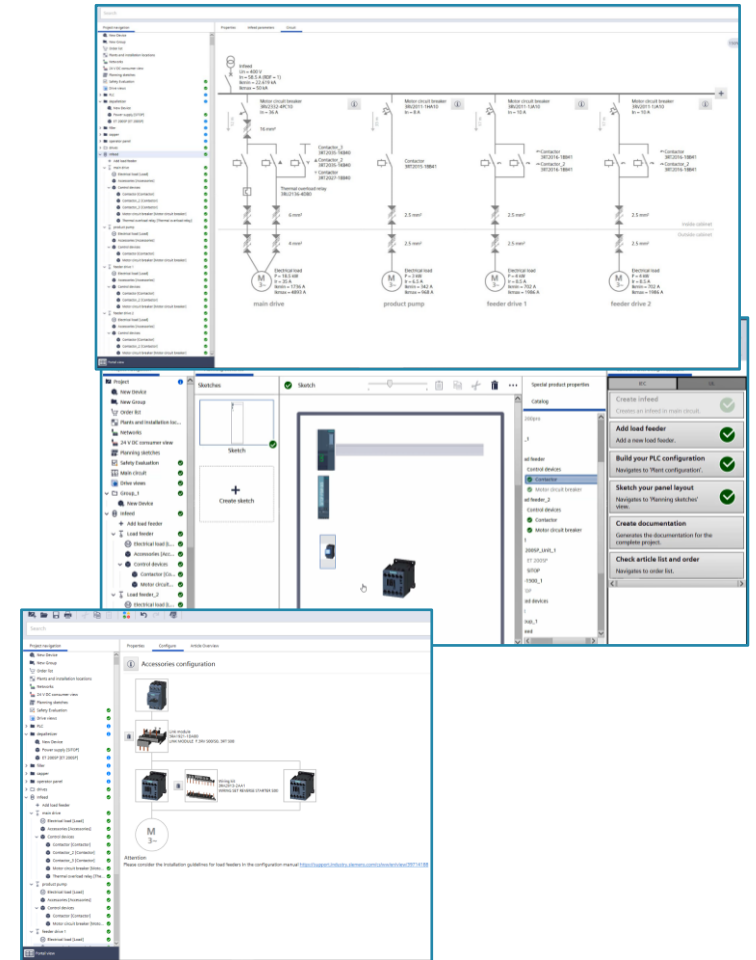
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