

PTW CAPTOR

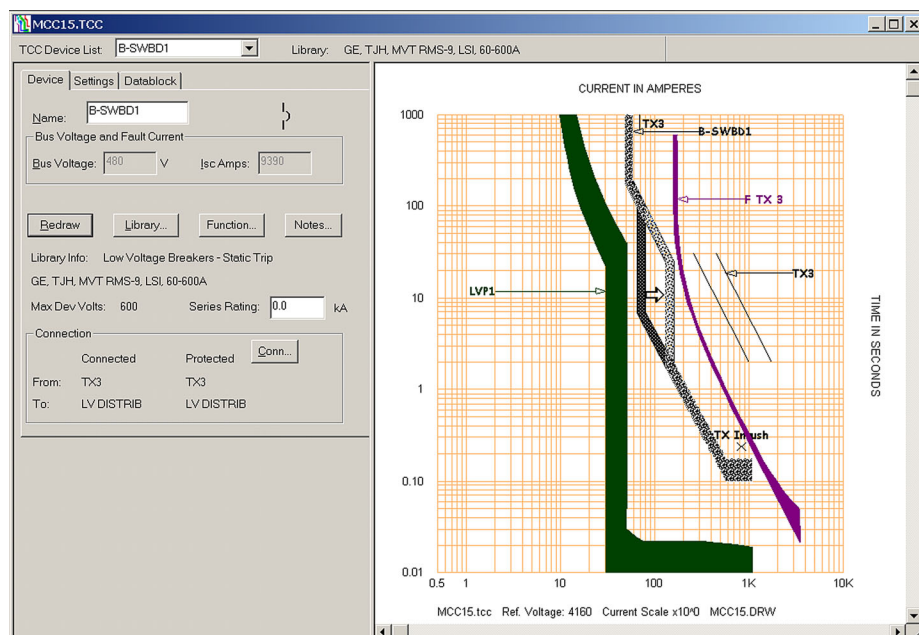
Protective Device Coordination

CAPTOR produces time versus current coordination drawings with one-line diagrams and setting reports. It lets you coordinate protective devices with interactive on-screen graphics, and provides a comprehensive library. You can print on preprinted graph paper or on plain paper with custom grids and layouts.

CAPTOR may be used on any electrical power system including utility, industrial, commercial, manufacturing, and process systems. Devices may be plotted at any voltage, current or application frequency. The most comprehensive library containing protective devices from all of the popular equipment manufacturers is included. CAPTOR's advanced device modeling and curve fitting techniques make library additions fast and easy.

Benefits

- Design safer power systems by quickly and easily evaluating all devices for proper short circuit levels, and application within acceptable voltage ratings.
- Save time with automatic TCC drawing creation from the one-line diagram interface.
- Create and design efficiently by using CAPTOR's clone command to copy individual components, one-line diagrams, and TCC drawings.
- Increase efficiency with fully customizable output organized to locate and interpret results quickly.
- Eliminate errors by keeping all input data, one-line diagrams, TCC's and study results in a single project database.
- Communicate designs effectively with high quality graphical output and custom formats.



Features

- Use the branch fault current protective devices at a user defined fault location to terminate the curves.
- Search across all TCCs to identify which TCCs contain a specific device.
- Globally turn on/off device labels and SC flags for all TCCs in the project.
- Continuous display of TCC drawings with real-time graphical editing of device settings.
- Most extensive library of protective devices.
- Most flexible library for adding new device entries makes it easy to add new devices and to match setting descriptions.
- Custom output layouts to position TCC, one-line, setting sheet, and company logo on a single page, and option to group print all pages in a single action.
- Full control over colors, fill patterns, line weights, grid density, fonts, data display, and axis scales, for high quality output.
- TCC Drawings are generated automatically from the one-line or manually by adding new devices to a TCC.
- Plot multi-function relays and store both as-found and recommend settings, or phase and ground settings.
- Use the on-screen locator to quickly display and evaluate clearing times between devices.
- Use the extensive CAPTOR library to model all possible settings of an overcurrent device.
- Adjust device settings graphically by dragging curve segments on the TCC drawing with your mouse (movement is restricted to valid device settings).

