2DCC Relay Series

The modelled 2DCC relay series covers the complete known range of non-directional relays. The model also allows for separate earth fault CT inputs if required. In case of SEF and EF present in one relay, these CT's can also be independently selected.

Not Modelled Functionalities

The high set is only one setting in reality, which multiplies with each individual phase IDMT current setting to determine a final high set current for each phase. To model the same functionality, a separate high set element was modelled for each phase or earth current.

The relay high set has a time curve which is a function of current setting. *PowerFactory* does not have the functionality to model such a curve. However, the curve could be reasonably approximated with a DT function as the error margin is relatively small.