7SJ531 Relay

The following needs to be considered when using this relay model:

1. The under- and over voltage elements are modelled as single phase elements with phase-to-phase measurement. The min/max voltage minimpulation is performed in the U_Logic block.
2. The Uratio is set in U_Logic. This setting will override the default setting of Uratio/reset=1.2
3. Two separate relays are made for the inverse time (IT) and definite time (DT) OC and EF elements respectively.

Not Modelled Functionalities

The following functionalities are not modelled:

1. Restart lockout for motors is not modelled.
2. Earth fault detection with voltage measurement is not modelled.
3. Auto reclose is not modelled.
4. CB failure is not modelled.