7SJ551 Relay

The model provides the following functionalities:

1. Overcurrent definite time low set element for phase and ground (I>, IE>)
2. Overcurrent inverse time low set for phase and ground (Ip, Iep)
3. Overcurrent high set element for phase and ground(I>>,IE>>)
4. Unbalance element
5. Directional earth fault (3 thresholds: $I_\phi>$, $I_{\phi p}>$, $I_\phi>>$)

Not Modelled Functionalities

The following functionalities are not modelled:

1. Thermal overload protection
2. Undercurrent
3. Undervoltage/overvoltage element
4. Locked rotor
5. Restart lockout for motors is not modelled.
6. Earth fault detection with voltage measurement is not modelled.
7. CB failure is not modelled.