

SEL 551 Relay

The model provides the following functionalities:

1. Reclosing
2. Two phase time-overcurrent elements (51P1T, 51P2T)
3. Six phase instantaneous overcurrent elements (50P1-50P6)
4. Three single phase instantaneous overcurrent elements (50A, 50B, 50C)
5. A neutral ground time-overcurrent elements (51NT)
6. Two neutral ground instantaneous overcurrent elements (50N1, 50N2)
7. A residual ground time-overcurrent elements (51GT)
8. Two residual ground instantaneous overcurrent elements (50G1, 50G2)
9. Two negative sequence time-overcurrent elements (51Q1T, 51Q2T)
10. Six negative sequence instantaneous overcurrent elements (50Q1, 50Q2)

Please note that the recloser settings are stored inside the “Phase reclogic” and the “Ground reclogic” blocks. Some settings are present in both blocks and automatically copied from one block to the other.

Not Modelled Functionalities

The following functionalities are not modelled:

1. Close failure timer