

SEL 501 Relay

The model is reproducing the “feeder overcurrent protection application” “FDR” and “OC1” scheme and provides the following functionalities:

1. Overcurrent definite time low set element for phase and ground (50PT, 50NT)
2. Overcurrent inverse time low set for phase and ground (51PT, 51NT)
3. Overcurrent high set element for phase and ground(50H, 50NH)
4. Unbalance high set and low set elements (50QT,51QT)

Not Modelled Functionalities

The following functionalities are not modelled:

1. The “Motor protection application” “MOT” scheme
2. The “Breaker failure protection application” “BFR” scheme
3. The “General purpose timer application” “TMR” scheme
4. Overcurrent inverse time low set elements EM reset