

GE F650

The GE F650 model consist of:

- 2 phase inverse overcurrent elements(51PH/51PL) with voltage restraint, 1 ground inverse overcurrent element(51G), 1 neutral ground inverse overcurrent element(51N), 1 sensitive ground inverse overcurrent element(51SG)
- 2 phase time defined overcurrent elements(50PH/50PL), 1 ground time defined overcurrent element(50G), 1 neutral ground time defined overcurrent element(50N), 1 isolated ground time defined overcurrent element(50IG), 1 negative sequence time defined overcurrent element(46)
- Thermal model (49). (the cooling time const is set equal to 3 times the heating constant, it isn't user configurable)
- Separated directional logics for phase, ground, sensitive ground, neutral and negative sequence.
- Phase overvoltage/undervoltage element(59P/27P), 2 neutral overvoltage elements (59NH/59NI),negative sequence overvoltage element(74)
- Under frequency and over frequency element (81O/81U)
- Reclosing

Unsupported features:

- Auxiliary overvoltage/undervoltage(27X/59X)
- Broken conductor(I2/I1)
- Forward power (32FP)
- Locked rotor (48)
- Syncrocheck (25)
- Fuse failure
- Breaker failure(50BF)
- Fault locator
- Flex curves
- The "V0+Ip" polarizing type in the ground and in the neutral directional block