



Protection Features:

- ✓ 4 Element (3 Phase + EF +sensitive EF) Directional / Non Directional Over current IDMT/DMT.
- ✓ Negative phase sequence element (46)
- ✓ Selection of Curve: Five selectable curve (Normal Inverse1 (C1), Normal Inverse2, (C2) Very inverse (C3), Extremely inverse (C4), Long time inverse (C5)) and Define Time (C6)
- ✓ Instantaneous Over-Current Protection with adjustable timer.
- ✓ Breaker Failure detection
- ✓ In-built CB Trip Circuit Supervision function during pre closing and post closing of CB.
- ✓ In built Auto Reclose Relay (ARR).
- ✓ On site CT Secondary selection 1A or 5A.
- ✓ **In built VT supervision features and under/over voltage Alarm.**
- ✓ **Internal reconstruction phase-phase voltage and open delta voltage required for direction detection**
- ✓ **Internal calculation of zero seq. EF current (3Io) and Zero sequence voltage (3Vo) for directional detection for Earth fault**

Relay Design Features:

- ✓ Large 20x4 LCD display for Parameter and setting display
- ✓ Online display of CB status and other digital and logical status.
- ✓ Continuous monitoring of module's internal hardware and alarm generation in case of failure of any critical components.
- ✓ 6 Digital Output contacts for local alarm as well as tele-signalling
- ✓ **2 Setting Groups.**
- ✓ **CB CLOSE/TRIP from Relay keyboard**
- ✓ 8 Optically isolated digital status input for monitoring of status and avoid used of external relay logic
- ✓ 2 dedicated status input for Trip Circuit Monitoring
- ✓ 10 nos of Fault data stored with keypad interface and time stamping.
- ✓ **Display of Voltage, current, PF, Active , Reactive Power in terms of primary value.**

Note: Due to our policy to upgrade our products constantly, we reserve the right to supply products which may vary slightly from that indicated above.



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