

## HF1034

Overcurrent protection device provide a wide range of protection functions.



### ● Protective Functions

- ✓ 3 phase overcurrent Protection (50/51)
- ✓ Earth overcurrent Protection (50N/51N)
- ✓ Derived fault overcurrent Protection (50N/51N) (HF1034B)
- ✓ Thermal overload (49)
- ✓ Under current (37)
- ✓ Cold load pickup (CLP)
- ✓ Latching output contacts (86)
- ✓ Blocking logic
- ✓ Inrush Blocking
- ✓ Autorecloser (79)
- ✓ Broken conductor (46BC)
- ✓ CB control local/remote

### ● Features

- ✓ Dual rated CT inputs (1A or 5A)
- ✓ Two setting group that could change by manually or remote
- ✓ Up to 250 events, 25 fault and 5 disturbance records available
- ✓ Time synchronization via PC
- ✓ 2X16 LCD display
- ✓ 8 LEDs for Relay status and programmable functions
- ✓ 5 Digital Outputs
- ✓ 2 digital Inputs
- ✓ 4 Analog Inputs (1A/5A)
- ✓ Watchdog relay supply an Indication that the relay is in healthy safe
- ✓ Automatic control
- ✓ Current measurement
- ✓ Operating temperature -15°C to 60°C
- ✓ Settings software using RS232 front port or RS485 rear port
- ✓ Easy integration in substation Digital Control System or SCADA through Modbus RTU
- ✓ Compliance with international standard EN 60255-27
- ✓ IDMT curves supported as IEC and IEEE for overcurrent and earth fault
- ✓ Programmable trip by input (1, 2) and output relay (2, 3, 4, 5)

### ● Customer Benefits

- ✓ Highly reliable
- ✓ Full set of measurements, metering and records
- ✓ Simple and flexible solution
- ✓ Draw out structure which cussed don't open the cabinet door for maintenance.
- ✓ All setting is run by HMI or PC