

- +The fault information will also be sent to SCADA system by external connection with IP Modem or RTU/FRTU.
- +When the sensors detect short-circuit and earth-fault, it transmits the fault information to display unit by cable immediately. Then the LED starts to flash, and the display unit send the fault signal to SCADA system by relay output or MODBUS at the same time.
- +The fault indicator will also be shown on the Map location or Mimic diagram of SCADA system, it helps the user to identify the faulty section quickly.

Specification	
Fault Detection	Phase-to-phase short circuit fault, phase-to-ground fault, fault current magnitude and duration
Short circuit tripping current	200A/600A/800A/1000A, Adjustable, Default 200A
Detection accuracy	When 200A, ±5%
Ground fault tripping current	40A/80A/120A/160A, Adjustable, Default 40A
Detection accuracy	When 40A, ±5%
Reception delay time for Short circuit and Ground fault	40ms/80ms/100ms/200ms, Adjustable, Default 40ms
Applicable load current	AC2KA
Reset	Remote control reset, MODBUS...Transient/Permanent short-circuit & earth-fault Remote DI Reset, SCADA DC9-38V wide voltage input...Transient/Permanent short-circuit & earth-fault Load Current Reset, >10A...Permanent:short-circuit AC Voltage Reset, AC220-240V recovery...Permanent:short-circuit Button Reset, push-button short press for 1s...Transient/Permanent short-circuit & earth-fault Timing Reset, 2min(for test), 12h, 24h, 48h, adjustable by DIP switch...Transient: short-circuit & earth-fault
Operating circuit voltage	AC5~38kV(50/60Hz)
Operating temperature	-40~70°C
CT type	Short circuit current sensor:φ80mm, Earth Current Sensor:φ110mm
Power supply	Lithium battery 3.6V/ 2.7Ah replaceable, External power supply:5~36VDC
Size	Main body: 100*120*45mm, Short circuit current sensor:φ80mm-2m cable, Earth Current Sensor:φ110mm-2m cable
IP Protection	Main body: IP54, Sensors: IP68
Standard	IEC 60529:1989+AMD1:1999+AMD2:2013 / IEEE Std 495 (2007) ETSI EN 300 328 V2.2.2 / EN 62479:2010 EN IEC 62311:2020 / EN IEC 61326-1:2021 EN 61000-4-2:2009 / EN IEC 61000-4-3:2020 EN 61010-1:2010/A1:2019/ EN 61010-2-032:2012
SCADA contact	2-relays contact,Max. 250VAC/30VDC/ 5A
Communication protocol	RS485: Data bits 8/Stop bits 1/Parity none/Baud Rate:9600 Protocol:MODBUS RTU

