

EARTH FAULT RELAY

F3 EFR1

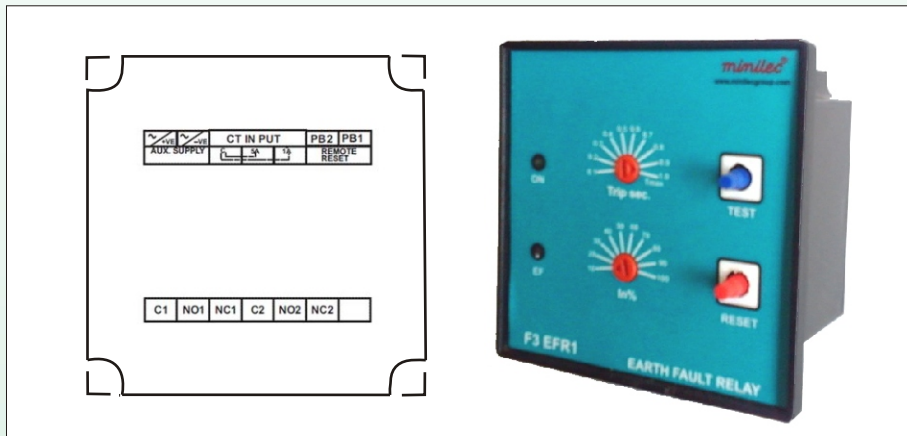
Prevention

is

better

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Application:

- Generator panels
- Synchronizing Control Panels
- AMF Panels, MCC panels
- Air Circuit Breakers (With shunt Trip Coil)
- MCCB (With Shunt Trip Coil)
- Motor Control Panels

Features:

- Earth fault/Ground fault monitoring of 3 phase systems, Manual Reset
- Input 1A or 5A through CBCT
- Adjustable earth fault trip setting
- Adjustable trip delay
- 2 CO relay output

Our Products Categories

- ▶ Phase Failure Relays
- ▶ Monitoring Relays
- ▶ Electronic Timers
- ▶ Motor Pump Protection Relay
- ▶ Liquid Level Controllers
- ▶ Power Line Transducers & Multifunction Meter
- ▶ Automation Products
- ▶ Alarm Annunciators
- ▶ Soft Starters
- ▶ Variable Frequency AC Drive
- ▶ Printed Circuit Boards
- ▶ Products for Agri Sector

Input Auxiliary Voltage	24 – 30 V DC +/-10% 110 to 240 V AC/DC +/-20% 380 to 440 V AC, +/-20%, 60Hz
Rated Current Input (In)	5A / 1A (Selection Via Terminal)
Current Setting Range	10% - 100% of In (Variable)
Frequency	50 / 60 Hz
Power Consumption	3 VA max
Output Relay Contact	(2CO)
Output Contact Rating	5A / 240 VAC (Resistive)
Tripping Time Instantaneous	0.1sec to 1 sec 1 sec to 10 sec.(Optional)
Set Accuracy	+/-5% w.r.t Current Input (In) of 100% (Full Scale)
Reset	Manual / Remote Reset
Indication - ON (Green) EF (Red)	ON TRIP
Current Sensor	Neutral CT / CBCT/ Summation CT with secondary Current Rating of 1A or 5A (Protection Class)
Life Expectancy	0.5 X 10 ⁸ Operations at 100% rating
Operating Conditions Temperature Humidity	-5 deg.C to 60 deg.C Upto 95% R.H.
Enclosure	F3 ENCLOSURE [Flush Mount]
Dimensions (mm) - Overall Mounting	96 x 96 x 80mm (Cutout 92 x 92 mm) Panel mounting
Weight (approx)	550 gms



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