

**OPERATING MANUAL**  
**EARTH FAULT RELAY**  
**EFR-500**

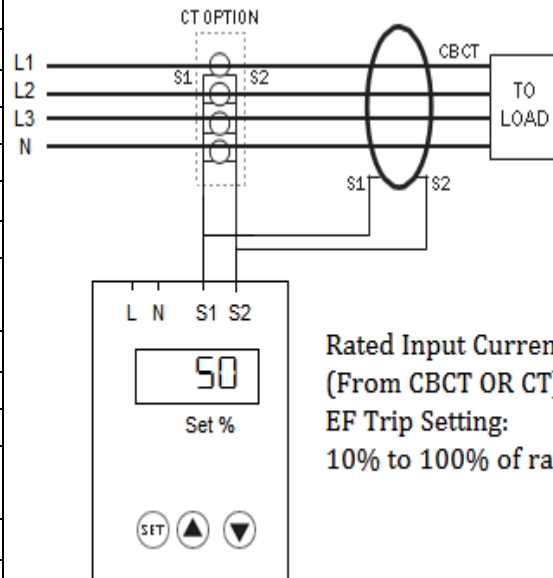
# MISTURA

**FEATURE:**

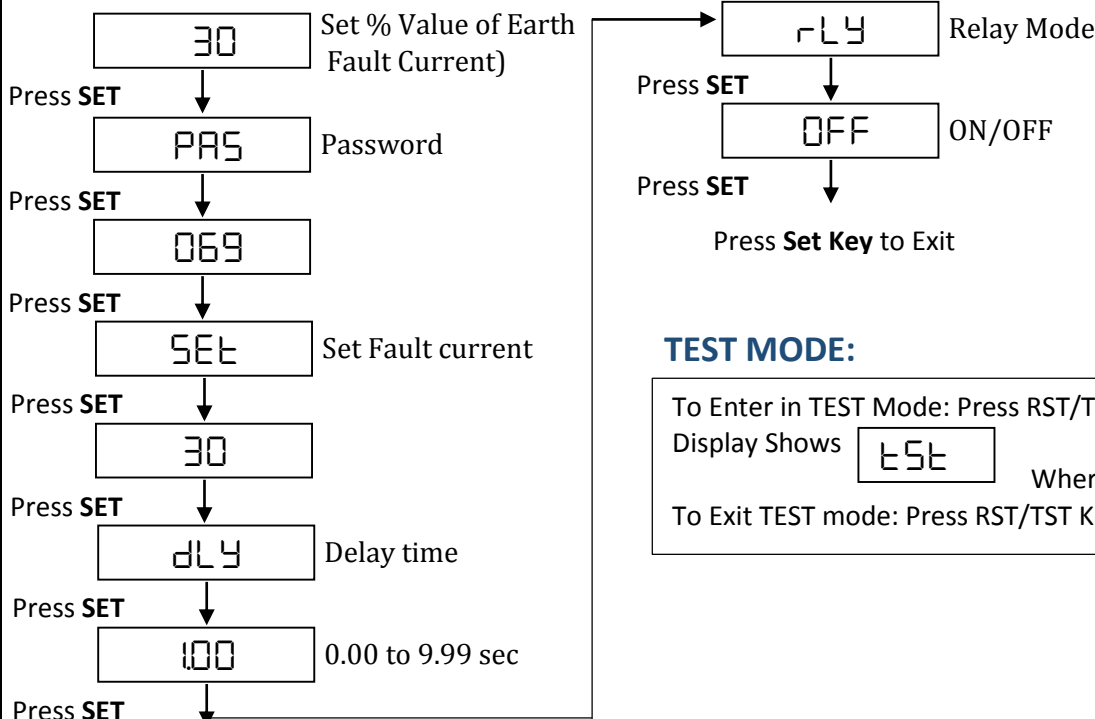
- Earth Fault Current Monitoring In 1Ø - 2W, 3Ø-3W and 3Ø-4W System
- Test Mode Available.
- Remote Tripping Reset Facility.
- Relay Status Indication By LED
- Test/Trip Reset Via Front Key / Remote

INPUT SPECIFICATION	
Input Current	5 Amp. AC from CBCT OR CT
Current Range	10% to 100%
Resolution	1 %
OUTPUT SPECIFICATION	
Relay	1 Nos.
Relay Type	1 C/O (NO-C-NC)
Rating	10A,230V AC Resistive Load
AUXILIARY SUPPLY	
Supply voltage	100 to 250V AC, 50-60Hz
Power consumption (VA RATING)	Approx. 3 VA @ 230V AC MAX
ENVIRONMENT CONDITION	
Operating Temp.	0°C to 55°C
Relative Humidity	UP to 95% RH (non-condensing)
Protection Level	IP-65 (Front side) As per IS/IEC 60529 : 2001
DISPLAY	
3 Digit Seven Segment, 0.32" RED	
DIMENSION	
<b>Size (HxWxD)</b>	<b>Panel Cut-out</b>
75 X 45 X 110 mm	Din Rail Mounting

**TERMINAL CONNECTION**



Rated Input Current : 5 Amp  
 (From CBCT OR CT)  
 EF Trip Setting:  
 10% to 100% of rated input



**TEST MODE:**

To Enter in TEST Mode: Press RST/TST Key 5 Second  
 Display Shows **EST** Where Relay is ON  
 To Exit TEST mode: Press RST/TST Key.