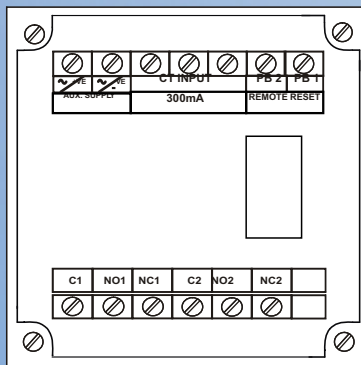


EARTH LEAKAGE RELAY



F3 ELR1



Application:

- Generator & Transformer 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 leakage monitoring of 3 phase systems
- Microcontroller based design
- SMD technology, Manual Reset
- Input 300mA through CBCT,
- Adjustable trip setting,
- Adjustable trip delay & ON delay,
- 2 CO relay output
- Failsafe-non-failsafe seletable

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 / 30VDC $\pm 10\%$ 110 - 240VAC/DC $\pm 20\%$ 380/415/440VAC $\pm 20\%$
Rated Current Input (In)	300 mA
Frequency	50 / 60 Hz, $\pm 3\%$
Power Consumption	3VA max.
Output Relay Contact	2CO / (1CO)
Output Contact Rating	5A,240 VAC (Resistive)
Life Expectancy	0.5x10 ⁸ operation at 100% rating
EL Trip Setting	10% to 100% of rated current input (Variable)
Set Accuracy	For current - $\pm 5\%$ w.r.t. Current input of 100% (full scale) For trip delay - $\pm 10\%$ w.r.t. Trip time delay (full scale)
Trip Time Delay	0.1 sec. to 1 sec.
Reset	Manual / Remote Reset
Indication - ON (Green) EL (Red)	Power ON Earth Leakage Trip
Current Sensor	Neutral CT / CBCT/ Summation CT with secondary Current Rating of 300mA (Protection Class)
Operating Conditions Temperature Humidity	-5 ^o c to 60 ^o c Upto 95% R/H.
Enclosure	F3 ENCLOSURE (ABS)
Dimension (mm) - Overall Cutout	96 X 96 X 80mm 92 X 92 mm
Weight (approx)	235gms (24 / 30 VDC MODEL), 265gms (110 - 240 VAC/DC MODEL) 425gms (380 /415 /440 VAC MODEL)



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