



*Where protection, quality & reliability work together...*

**“ELR with Test Winding CBCT is also available”**

## SYCON-77\*\* EARTH LEAKAGE RELAY

Earth leakage current give rise to temperature and progressive failure of insulation which leads to operating flash overs. It is essential to detect earth leakage current well before they cross threshold limits and isolate the circuit.

**SYCON ELR77\*\*** detects the level of earth leakage current and trips the device at set current & time interval

### FEATURES

- Solid state.
- Wide operating current range.
- Low power consumption.
- Variable current and time settings.
- Fault indication by L.E.D.
- Test and reset facility.
- Ideal for compliance to IE rule 61-A

### TECHNICAL SPECIFICATIONS

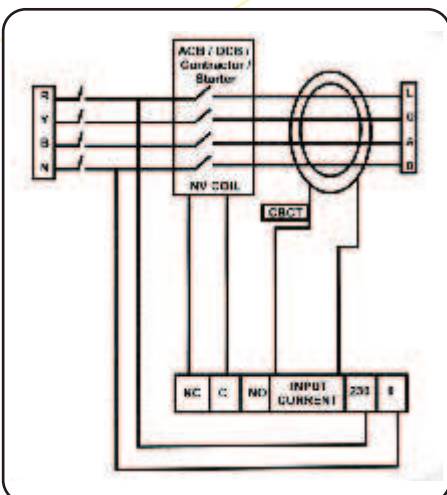
- Operating voltage : 230V AC +/- 15%
- Frequency : 50Hz +/- 5%
- Range : 0 to 750 V AC
- Accuracy : ±1 digit

### SPECIFICATIONS

- Input auxiliary supply : 230 VAC (110VAC and 415VAC optional)
- Current sensitivity : Variable from 30 mA to 8A settable with DIP switches in three different models.
- CBCT : 65 mm, 100 mm, 150 mm, 200 mm, 250 mm, 300 mm. other diameters available on request.
- Relay Contact : Potential free NO-C-NC, 10 Amps. at 250 Vac contacts.
- Operating temperature range : 0° C to +70° C
- Dimensions : 96 mm x 96 mm x 60 mm
- Mounting : Panel  
Din rail (Available)

### APPLICATIONS

- Protection for L.T. panels
- Protection for motors.
- Protection for feeders.



MODEL	CURRENT RANGE	TRIPPING TIME
7701/7711/7721	30mA - 300mA	0.15 Sec to 3 Sec
7702/7712/7722	300mA - 3A	0.15 Sec to 3 Sec
7703/7713/7723	1A - 8A	0.15 Sec to 3 Sec

ELR 7711 / 12 / 13 are available with test winding CBCT