

PROTIME®



N96 Series Relay

ELR96-1/i
ELR96-1C/i
ELR96-1C



Special Features

- First & Only of its kind Earth leakage Relay with FAULT CURRENT STATUS INDICATOR
- Aesthetically elegant and compact.
- Wireless interiors.
- Settings by DIP switches
- Test & Auto/Manual Reset facility.
- CE marked relays

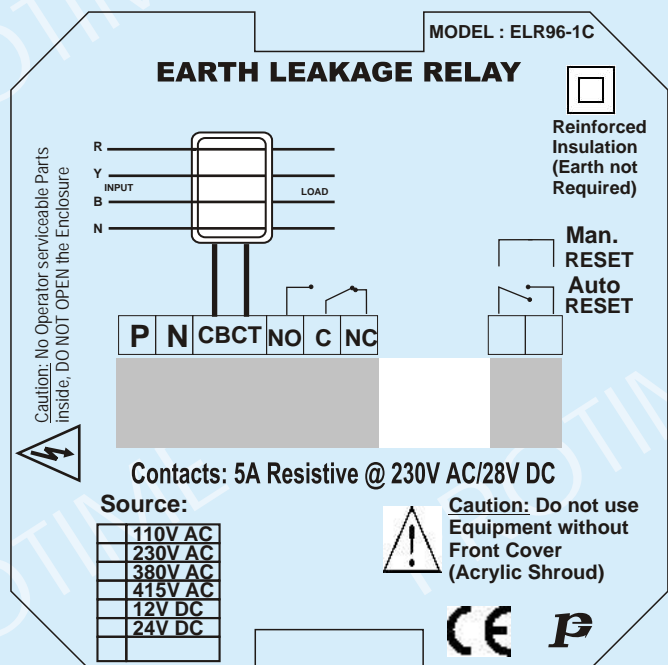
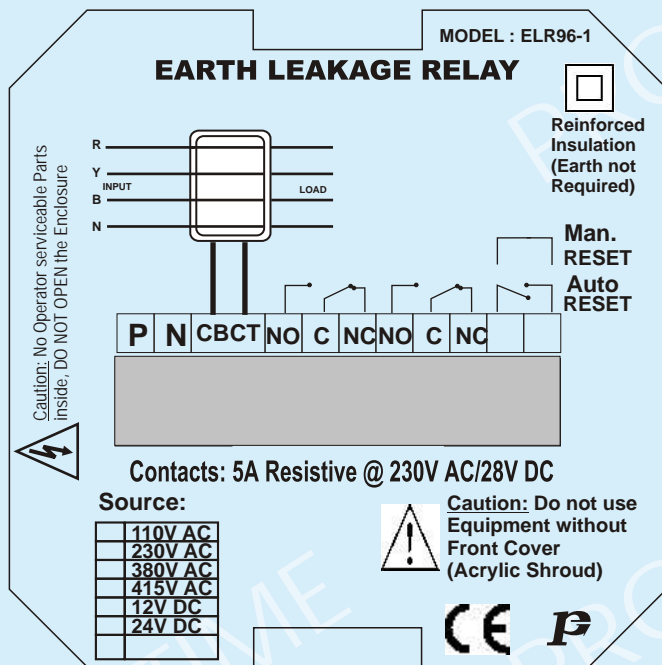
Technical Data

- | | |
|-------------------------------|--|
| 1) supply Voltage | - AC-110V,230V,380V,415V / DC-12V,24V |
| 2) Permissible supply Voltage | - + 15%, - 15% |
| 3) Output Contacts | - Two change over (potential free) |
| 4) Switching duty | - 6A resistive at 250V AC or 24V DC |
| 5) Electrical Life | - 10 ⁵ operation at designed switching duty |
| 6) Relay Status | - De-energised in normal conditions |
| 7) Signal | From core balanced current transformer (CBCT) |
| 8) Range | - A = 30-300mA, B= 50-500mA
- C = 0.1 - 1A ,D= 0.3-3A, E = 0.5-5A |
| 9) Time Delay | - 0 - 10Sec |
| 10) Mounting | - Panel Mounting (FLUSH) CUTOUT=92 X 92mm |
| 11) Reset | - User selectable Auto/Manual Reset |
| 12) Approximate Weight | - 170gm |
| 13) Dimension | - 96mm(W) X 96(H) X 80mm(D) |
| 14) ENCLOSURE: | - ABS Type = N96 |
| 15) Operating Temp & RH: | -10°C, +55°C up to 80% |

OPERATION:

The relay senses the Earth leakage current for any equipments like L. T. Panels, Switch boards, Generators, Transformers, Motors etc. These leakage current if continues can cause insulation breakdown resulting Earth fault, which results in to loss of life or damage to equipment. The PROTIME Earth leakage relay senses leakage current through CBCT & energises relay when current goes out of the range selected on the dip switches. The Relays are provided with user settable (0 - 10 Sec) time delay. The CBCT is connected externally with the Busbar or cable carrying load current passed through it. The Relay has facility to show fault current indication on pressing STATUS Button. Thus this feature helps user to identify the point of fault & find out the value of fault current passing through it.

Connection Details



How To Order ELR?

Ordering Pattern-

ELR96-1 - i - S - C - 30S - 5

