

# RCD-RESIDUAL CURRENT DEVICE



## RESIDUAL CURRENT DEVICE -- RCD

- 1) OPERATING PRINCIPLE** -- MAIN CURRENT WHICH COMES THROUGH THE PHASE (LIVE) SHOULD RETURN BACK THROUGH THE NEUTRAL. IF THERE IS LEAKAGE CURRENT THE RESULTANT IMBALANCE DETECTED BY THIS UNIT AND TRIP DISCONNECTS THE POWER SUPPLY FOR SAFETY.
- 2) TESTING THE RCD** --- IT'S MANDATORY TO TEST THE INSTRUMENT AT LEAST MONTHLY BY PRESSING THE YELLOW TEST BUTTON FOR IT'S OPERATION.
- 3) SPECIFICATIONS** -- DESIGN ACCORDING TO IEC/EN 61008
  - RATED CURRENT – 16-100A
  - NUMBER OF POLES - 2 / 4
  - RATED TRIPPING CURRENT – 10,30,100,300,500Ma
  - RATED VOLTAGE – 230/400 V ,50HZ
  - SENSITIVITY -- AC & PULSATING DC
  - CONTACT POSITION WITH FLAG INDICATOR
  - AUTOMATIC RESETTING POSSIBLE.
  - ENDURANCE 20,000 OPERATION.