

FORTIFICATION AND CULPABILITY ANALYSIS OF THREE PHASE INDUCTION MOTOR USING LABVIEW

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ABSTRACT

This paper directed on both defense, liability analysis of three phase induction motor. The electrical quantity of the motor is incessantly monitored by statistics acquirement Cards. If the motor meets the current more than it's rated or predefined value, the motor is tripped off from the supply and it is watched over from the smash up. This course of action is achieved with help of the relays. Machine winding reimbursement is encountered with the help of lissajous method. The frequency of apiece phase is endlessly monitored and the assessment is done with one another. These progression can be achieved by the internal process of the Lab VIEW software and the consequence is displayed with the facilitate of CRO.

KEYWORDS: Three Phase Induction Motor, Stator Winding Fault, Protection, Relay Lissajous Technique, Lab VIEW, Data Acquisition System, CRO