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LV Motor Performance Improvement - Eliminate Failure and Avoid Down Time

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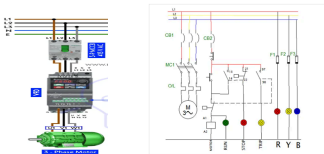
Background

Low voltage (LV) AC motors are vital to manufacturing plants, but despite protective measures, they often fail without warning, leading to significant downtime and production losses.



Challenges - Uninterrupted Operation of LV Motors

The motors are typically powered by conventional motor control centers (MCCs) or variable frequency drives (VFDs), with protection systems that vary from basic thermal overload relays, MPCBs to advanced microprocessor-based protection.



Despite the availability of these protective measures, motors fail or burn without any early warning or alarm. While the cost of motors is relatively low and replacing a motor is seen as a quick solution.

Considering the broader impact, including intangible costs, downtime, production losses, resource utilisation and safety risks,

the consequences of motor failure are significant.

Effective solution to prevent LV motor failures - Our Offerings

- **Motor Failure Analysis** and recommendations for improvement.
- **Review of Existing Motor Management System** to identify areas for enhancement.
- **Evaluation of Motor and MCC Inspection Systems** to ensure optimal performance.
- **Assessment of Motor Protection Systems** for adequacy and effectiveness.
- **Comprehensive Report** detailing key findings and actionable recommendations.
- **Onsite Training** for the maintenance team to enhance their skills and knowledge.
- **Deployment of Best Practices and Performance Review. Performance Review After 3 Months** with retraining, if necessary, to ensure continued improvement.

👉 For more information you can contact us through our website or email provided above.