



3-phase intake supply into distribution board

Agriculture Company Invests in ThermoClips for Reliability

A major agricultural firm experienced very costly issues with failure in their power distribution systems and needed to find a way to prevent further issues. They decided to test ThermoClips from IRISS on all 3 phases of the agriculture intake power supply cable and found that all phases were running over safe operating temperatures.

The indication of over temperature from the ThermoClips led to a more involved investigation, which revealed that the distribution board had been expanded since the initial installation and additional circuits were connected to the board. These additional circuits were overloading the power supply cable, causing it to run at a higher temperature and risk failure/costly downtime.

Conclusion:

The 3-Phase power supply cable feeding the agriculture distribution board was replaced with a suitable cable to manage the power load. Continuous visual monitoring of the electrical asset's health is now possible, increasing the Mean Time Between Failure and making operations both more reliable and cost-efficient.