



Increase uptime using digital RCDs. Build it in.



Productivity is a major factor for a company to thrive and be successful in today's competitive markets and challenging economic climate.

Downtime leads to lost productivity, which can cost a company tens, or even hundreds of thousands of Euros, ultimately having a negative effect on the bottom line. Improving machine uptime is essential for maximum productivity and yield, and the latest digital RCD technology is playing a significant role in enabling machine builders and their manufacturing customers to achieve new heights.

This white paper is an essential read for machine builders wanting to learn how they can increase productivity through implementing the latest digital RCD technologies. In the paper Peter-Lukas Genowitz, Product Manager RCCB at Eaton, explains how with the right technology according to appropriate standards and safety requirements, machine builders can increase their machine's reliability. It is the second in a series of three white papers from the power management specialists that explores the topic of residual current.



It reviews the very latest RCDs and discusses benefits available from applying digital technology to RCDs. Advanced digital RCDs offer local and remote monitoring and pre-warning capabilities. This provides critical information about the health of the machine to the maintenance team, therefore facilitating preventative maintenance.

One aspect recommended by the IEC 60204 standard is preventative maintenance, and through using the next generation digital RCD technology, machine builders can implement these measures. The local and remote pre-warning features of the latest digital RCBOs and RCCBs can detect creeping fault currents enabling users to be aware of an imminent failure before it occurs, and therefore take the necessary precautions and actions to prevent the failure.

Not only is downtime reduced, but safety of machines and staff can also be improved – another important consideration for today's manufacturers. It is essential for machine builders to ensure equipment consistency and standardisation across all of their installations worldwide, therefore enabling their manufacturing customers to realize the benefits of a highly reliable machine which increases their productivity while protecting their machines and staff.

For machine builders that export worldwide, it is crucial that they can be assured that their equipment meets local standards, delivering a safe and reliable, high performance for their customers. That's where working with partners with a global footprint, can bring machine builders a massive advantage. They can be certain they are adhering to the standards.

Sourcing products from a truly international supplier with the capability to manufacture at multiple sites around the world, yet has the ability to manufacture to the same internationally-recognized, standardised designs, means machine builders can save time and money with export.

To learn how digital RCDs can provide maximum productivity and machine uptime, and ultimately profitability, download the white paper [here](http://www.eaton.eu/en/cp/rcd) www.eaton.eu/en/cp/rcd.