



KEEPING YOUR CRANE IN MOTION WITH SINETAMER®

Do any of these issues sound familiar?

- Premature component failure and unexpected power events
- Frequent crane and hoist downtime
- False zero crossings of the sine wave
- Communication errors and ghost errors

Transients, spikes and surges are hidden disruptors to industrial crane operations. You can easily spend hours trying to find the cause of your crane's downtime — and still not get to the bottom of things.

Installing a mitigation device can help you solve these common issues and avoid the costly effects of downtime.

WHAT IS SINETAMER®?

SineTamer® is a transient voltage surge suppression (TVSS) device that protects variable frequency AC/DC drives and other sensitive electrical systems. Unlike traditional Surge Protection Devices (SPD's), it uses special frequency attenuation that is frequency-actuated rather than voltage-actuated. Therefore, the device can actively track and follow the sinewave form — protecting all 360 degrees of it, not just the extremes.



WHY CHOOSE SINETAMER®?

Relying on standard low-cost SPD's is problematic. Once they've blown following a transient, the site will no longer be protected. As well as this, conventional surge arrestors and protectors will only kick in once the voltage hits a certain threshold — by which point, significant let-through voltage has built up. SineTamer® is unique because it can take multiple hits and continue protecting even after an incident has occurred. As well as this, it can minimise let-through voltage, preventing issues later down the line.

As well as installing SineTamer®, we offer our dedicated measure, analyse, report, and solve (M.A.R.S.) service. As part of this, we can capture, review, and analyse any transient data and feed it back to you in a detailed report.



TRANSIENTS



SUPRA-HARMONICS



REACTIVE POWER



NETWORK UNBALANCE



OSCILLATIONS



VOLTAGE VARIATIONS



FLICKER

CONTACT CPA'S CRANE TEAM — WE CAN IDENTIFY THE ROOT OF THE PROBLEM AND HELP YOU SOLVE ANY ISSUES AS PART OF OUR MISSION TO M.A.R.S.

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