

# OEM Coil Feeding System Manufacturer Switches to SolaHD™ SVL Power Supply — Minimizing Footprint While Improving Performance

## RESULTS

- Saved OEM space on DIN Rail, allowing for an additional component to be DIN Rail mounted
- Resulted in easier installation and maintenance within the control panels
- Performed better with no ground fault issues due to inrush on startup, as previously experienced with competitor product



## APPLICATION

Coil Feeding Systems Control Panels

## CHALLENGE

One of the largest U.S. manufacturers of material handling, feeding and straightening equipment was trying to downsize the interior of the control panels located on their industrial coil feeding system machines. Specifically, their engineering team was researching alternative power supplies with a smaller footprint to save “real estate” on the internal DIN Rail.

Certified for global use, their current power supply frequently struggled to handle inrush during startup, resulting in ground fault issues. After careful evaluation of their requirements, as well as the cost to replace and install new power supplies, they determined that the current model was not supporting their equipment in the best possible way.

## SOLUTION

Becoming aware of the situation, our distributor partner provided samples of the SolaHD SVL Power Supplies to the OEM Manufacturer. After running numerous tests to confirm the product fulfilled all the requirements, they opted to switch to the SVL, saving them approximately 4” of space on the DIN Rail. They were now able to mount another component previously mounted to the inside of the enclosure on the DIN Rail, simplifying their install and maintenance processes. The SVL Power Supplies seamlessly supported the machine during startup as well, eliminating their concern about ground fault issues. Thanks to the SolaHD SVL Series Power Supplies by Emerson this OEM Manufacturer was able to implement a change in their product specs, resulting in a more concise design for the manufacturer, and continuous, regular orders of the product for Emerson and our distributor partner.

*Emerson provides the solution, utilizing the more compact and robust SolaHD SVL Power Supply.*



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