

# Solid State Starter

Technology has changed. Old ways of starting a motor required several mechanical systems that were noisy and could cause flickering of lights and motor fires. Newer solid state starter technology eliminates most of these mechanical systems, while improving reliability.

Depending on your building's power demands, conventional elevator motor starters might cause power surges, or "spikes," in your building's electrical feeders. These can limit the optimal performance of your computer systems and other equipment.

Because the solid state starter doesn't cause power surges, it reduces the elevator system's impact on electrical equipment in your building.

-  **PERFORMANCE**
-  **SAFE**
-  **RELIABLE**



## Features & Benefits

The solid state starter has many built-in features that conventional Wye-Delta starters don't offer.

- Built-in phase loss detection protects the motor
- Fewer moving parts translate into improved reliability
- Overload protection is more closely monitored with built-in sensing and can detect motor failure
- Quieter operation – eliminates sound of magnetic contactors and rattling of feeder wires

With solid state starters, you can select the proper starting current that is best for your motor. Conventional starters do not allow this flexibility. Smoother starts can reduce wear.

- Shorter floor-to-floor times – optimized motor start-up time
- Reduced downtime – no starter contacts to wear out or meld, which could cause a motor fire
- Phase-loss detection
- Normal-phase rotation (reverse-phase protection)
- Fault type LED indicator