

Ampgard RVSS

Reduced Voltage Soft Starter

What is a Reduced Voltage Soft Starter (RVSS)?

Soft starters provide a controlled startup of a motor by gradually increasing the voltage output. This is achieved through silicon controlled rectifiers (SCRs) that allow small amounts of current through at a time, creating a 'soft start' that mitigates mechanical stress and peak currents.

Why use a soft starter?

- **Reduces voltage drop** and peak currents associated with motor starting
- **Mitigates mechanical stress** on your system*
- **Economical choice for applications** that require speed and torque control only during startup/ramp down

* Soft starters can also be used to eliminate 'water hammer' pressure surges on pump systems

Ampgard RVSS features

1 First soft starter in the market meeting UL-347 medium duty ratings

2 Independent bypass contactor

3 Drawout SCR truck

4 Exclusive pre-start check system

5 Cybersecure user interface

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