



208 V – 460 V | 30 – 100 HP | MOTOR PROTECTION
MOTOR SOFT STARTER | REDUCES INRUSH CURRENT

SS SERIES REDUCED VOLTAGE SOFT START



Motor
Protection



Energy
Savings



508A
Panel Shop



Reduced
Power Surges



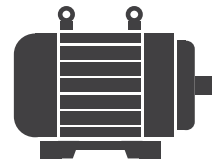
Smooth
Acceleration

Soft Start vs. Motor

Phase Technologies Soft Starter reduces inrush current and mechanical stress during startup, extending the life of your equipment. The SS Series ensures a gentle ramp-up to full motor speed—minimizing wear, improving reliability, and enhancing overall system performance and longevity.



Soft Start



Motor

Starter Attributes: Key Features

Comprehensive Motor Protection

Safeguards motors against critical conditions including:

- ▶ Dry-run (over/under power)
- ▶ Over/under voltage
- ▶ Voltage and current phase imbalance
- ▶ Phase loss
- ▶ Stalled or locked rotor
- ▶ Ground fault (UL1053 certified)
- ▶ Cycle faults



Cost-Saving Design

Eliminates the need for expensive external pump protection relays. Phase Technologies Soft Starter reduces inrush current and mechanical stress during startup, extending the life of your equipment. The SS Series ensures a gentle ramp-up to full motor speed—minimizing wear, improving reliability, and enhancing overall system performance and longevity.

Operational Flexibility & Control Features:

Full Horsepower-Rated Bypass Contactor

Ensures efficient operation and reduced heat during run mode.

Emergency Start Capability

Allows across-the-line starting, converting the soft starter into a standard motor starter for critical situations.

Customizable Start Modes

Offers precise control with adjustable:

- ▶ **Current limit**
- ▶ **Initial voltage**
- ▶ **Start time**
- ▶ **Torque boost for demanding startup conditions**

Versatile Stop Options

Includes multiple stop modes to suit application needs:

- ▶ **Coast to stop**
- ▶ **Linear deceleration to minimize water hammer**
- ▶ **Adjustable stop voltage and stop time for smoother shutdown**



Product Specifications

508A Panel Shop Options

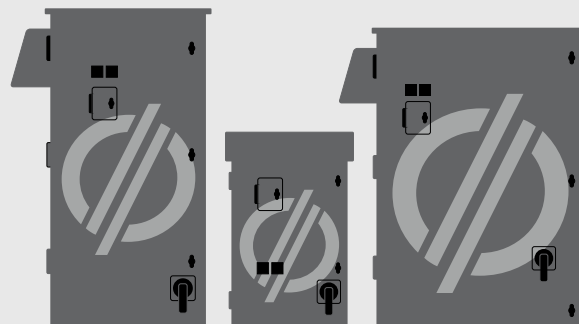
- ▶ **NEMA 3R Enclosure**
- ▶ **Service Rated Breaker/ Disconnect**
- ▶ **Surge Protection**

Model / Part Number	Rated Current	Horsepower
SS040R	40 A	30
SS080R	80 A	60
SS130R	130 A	100



PRODUCT BUILDER

[PHASETECHNOLOGIES.COM/PRODUCTS](https://phasetechnologies.com/products)



UP-TO-DATE

- ✓ **LEAD TIMES**
- ✓ **PRICING**
- ✓ **DIMENSIONS**

