

SS

SERIES

REDUCED VOLTAGE SOFT START



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

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

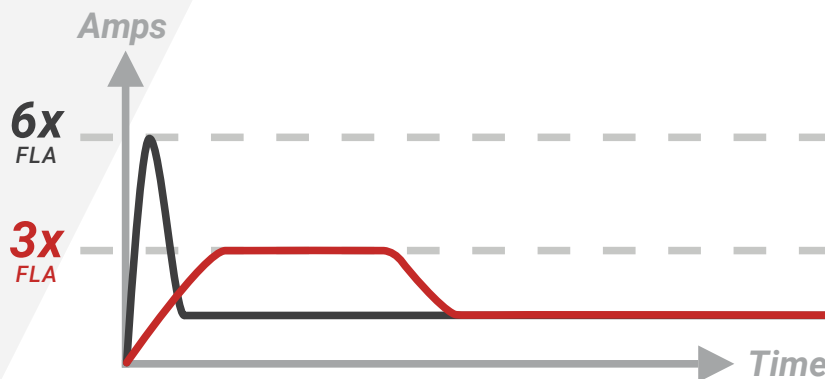
► Cost-Saving Design

Eliminates the need for expensive external pump protection relays.

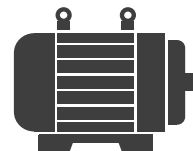


SOFT START VS. MOTOR

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



Motor
Protection



Energy
Savings



508A
Panel Shop



Reduced
Power Surges

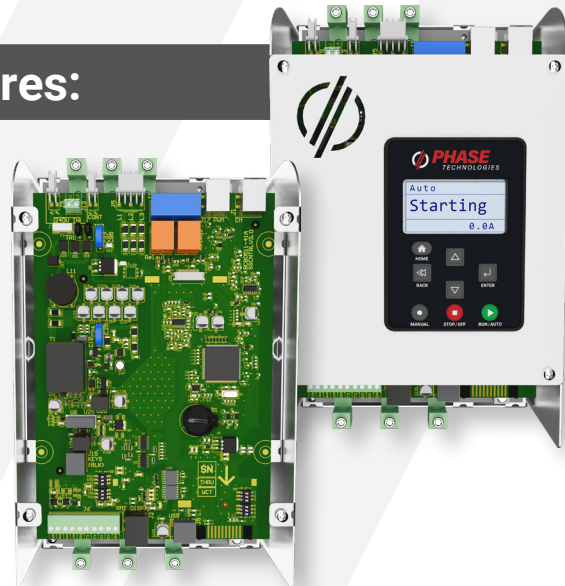


Smooth
Acceleration



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

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

- ▶ **508A Panel Shop Options**
 - NEMA 3R Enclosure
 - Service Rated Breaker/Disconnect
 - Surge Protection



PRODUCT BUILDER

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



UP-TO-DATE

- ✓ LEAD TIMES
- ✓ PRICING
- ✓ DIMENSIONS

Brochure - Reduced Voltage Soft Start



**DIGITAL PHASE
CONVERTERS**

**VARIABLE
FREQUENCY
DRIVES**

**MOTOR
PROTECTION**

**SOFT
STARTER**

**508A
PANEL
SHOP**

OUR MISSION

Relentlessly seek to provide Uncommon Value, solutions, innovation, and support for the industries that we serve.

