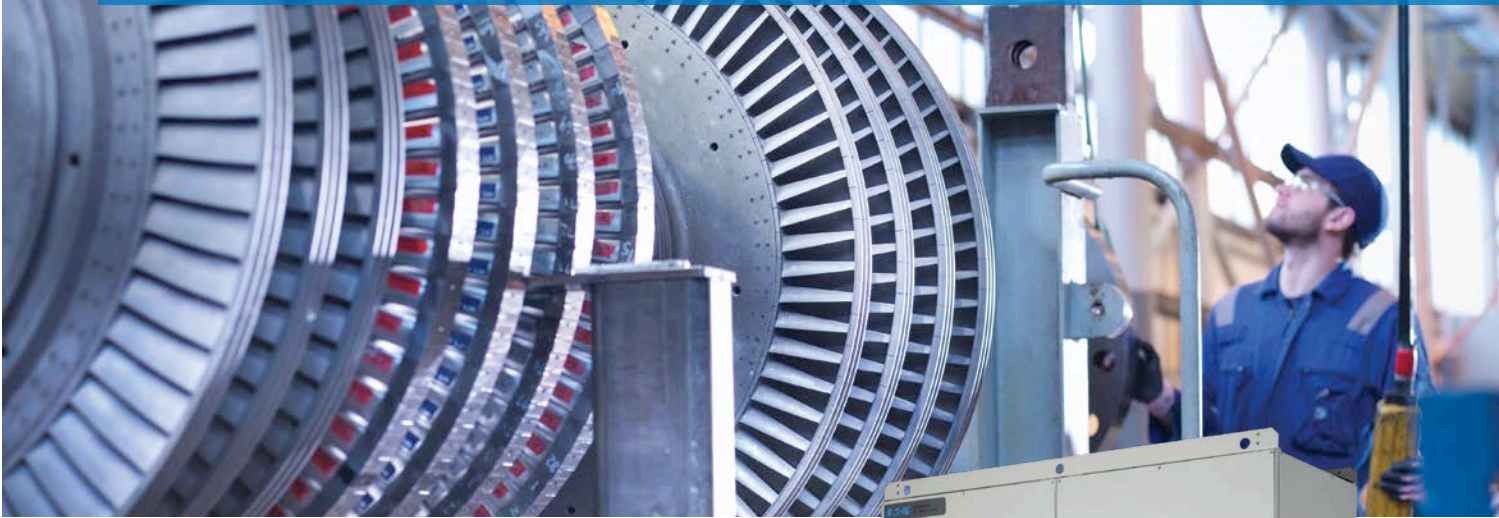


Ampgard RVSS

Reduced-voltage solid-state soft starter



Take control of your motors

Ampgard® RVSS allows users to fine-tune starting parameters in order to minimize mechanical shock, current spikes and voltage drops across a wide range of applications. With an innovative pre-start system check and UL® 347 medium-duty rating, the RVSS seamlessly integrates into Eaton's medium-voltage control, SC9000™ drives and switchgear lineups.



**Ampgard RVSS 400 A starters
with EMR-4000 relays**

Complete suite of programmable settings

- Adjustable kick-start for breakaway torque
- Adjustable voltage ramp and current limit
- Pump deceleration/soft stop
- Exclusive voltage sag limit control

Eaton exclusive pre-start system check provides protection for personnel and equipment. Before each start, Eaton's RVSS detects a variety of fault conditions including:

- Load side phase-to-ground short
- Load side phase-to-phase short
- Excessive load capacitance
- Open-phase detection

EATON

Powering Business Worldwide



Features

- Medium-duty rated per UL 347 (three 30-second starts per hour)
- Eaton exclusive pre-start system check
- Roll-in/roll-out SCR truck
- Independent power poles
- Custom programmable protection and ramp features
- Cybersecure interface
- Power Xpert® software for monitoring and control
- Fully independent bypass contactor
- CSA® certified
- Available in NEMA® 1, 12, 3R and arc-resistant enclosures certified to IEEE® Std. C.37.20.7-2017
- Designed, manufactured and tested in an ISO 9001 and ISO 14001 certified facility



400 A Ampgard RVSS

Specifications

Description	Specification
Load type	Compatible with three-phase AC induction or synchronous motors, system voltage 2400 V to 4160 V
Maximum ratings	360 A medium-duty at 4160 V for 400 A starters 720 A medium-duty at 4160 V for 800 A starters
SCR peak inverse voltage	13,000 V for 4160 V systems
Unit overload capacity	500%—60 seconds 600%—30 seconds 1 Cycle: up to 14 x FLA (internally protected by the programmable short circuit)
Frequency	50 Hz or 60 Hz, +/- 2 Hz hardware selectable
Programmable outputs	Run indication, speed indication, dual ramp adjustment, deceleration adjustment, jog and kick-start are all fully programmable
Dimensions in inches	400 A: 36 W x 30 D x 92 H 800 A: 72 W x 30 D x 92 H



Withdrawable SCR truck with individual power poles for ease of maintenance

For more information, contact your local Eaton sales representative or visit [Eaton.com/Ampgard](https://www.eaton.com/Ampgard)

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