

# Eaton S811 V42N3S

Catalog Number: S811+V42N3S

Eaton S811+ soft starter, 420 A, V-frame, 24 V power, 200-600 V operating voltage, 47-63 Hz, 1-2 conductors, #2/0 AWG to 500 kcmil wire, 120 Vdc, 240 Vac, Modbus RTU, NEMA 0, LCD display, -30°C to -50°C, Three-pole



Photo is representative

## General specifications

### Product Name

Eaton S811+ soft starter

### UPC

786685559100

### Product Height

16.57 in

### Product Weight

103 lb

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S811+V42N3S

### Product Length/Depth

7.39 in

### Product Width

11.05 in

### Warranty

Eaton Selling Policy 25-000, one (1) year from the date of installation of the Product or eighteen (18) months from the date of shipment of the Product, whichever occurs first.

### Compliances

CE Marked

### Certifications

UL Recognized  
IEC 60947-4-2  
EN 60947-4-2  
CSA file No. 3211-06  
UL Listed  
CSA Certified for Elevator Duty

### Catalog Notes

All units require a 24 Vdc power supply found on catalog Page V6-T1-85, or equivalent., S811+T\_, S811+U\_ and

S811+V\_ units require lug kits,

S811+U50\_ unit does not have IEC

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Amperage Rating

420A

Display material

LCD

AC current - max

240 Vac

DC current - max

120 Vdc

Number Of Poles

Three-pole

Type

Soft starter

Frequency rating

47-63 Hz

Used with

Three-phase motors

Power supply

24 V

Frame size

V

Operating temperature - max

50 °C

Communication

Modbus RTU

NEMA rating

NEMA 0

Size

NEMA 0

Operating voltage

200-600 V

Wire size

#2/0 AWG-500 kcmil

Module interface

Digital interface module

Operating temperature - min

-30 °C

## Resources

### Application notes

[S8x1 adjustment - Switching from S801+ to S811+](#)

### Brochures

[S811+/S801+ soft starters](#)

### Catalogs

[Product Range Catalog Drives Engineering](#)

[Eaton's Volume 6—Solid-State Motor Control](#)

[Product Datasheet - S811+V42N3S](#)

### Drawings

[Type S811+ Soft Starter - N-frame](#)

### Installation instructions

[Instructions for S811+ Soft Starter, S811+N... and S811+R](#)

### Multimedia

[Soft Starter DS7 up to 32 A](#)

[Soft Starter Product Family Overview](#)

[Soft starter DS7 up to 200 A](#)

### Specifications and datasheets

[Eaton Specification Sheet - S811+V42N3S](#)



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