

## INDUSTRIAL COMPONENT DATA

**S811+V85N3S 169008 S811PLUSV85N3S EATON ELECTRIC**  
**Soft starter, 850 A, 200 600 V AC, Us 24 V DC, with control..**

Brand: EATON - MOELLER | Manufacturer Part Number: S811+V85N3S



|                 |                 |
|-----------------|-----------------|
| Manufacturer    | EATON - MOELLER |
| MPN / Reference | S811+V85N3S     |
| Catalog number  | S811PLUSV85N3S  |
| Category        | Soft starter    |
| Minimum order   | 1 Pcs           |
| Document ID     | EO-3484AED8A2   |
| Generated       | 2026-08-04      |

**Product Overview**

Soft starter, 850 A, 200 - 600 V AC, Us= 24 V DC, with control unit, Frame size V

Soft starter, Description: With internal bypass contacts, Function: Soft starter for three-phase loads, with control unit, Mains supply voltage (50/60 Hz): ULN= 200 - 600 V AC, Supply voltage: Us= 24 V DC, Control voltage: UC= 24 V DC, Assigned motor rating (Standard connection, In-Line) at 400 V, 50 Hz: P= 450 kW, at 460 V, 60 Hz: P= 600 HP, Rated operational current AC-53: Ie= 850 A, Rated operational current AC-53, In-Delta: Ie= 1471 A, Startup class: CLASS 10 (star-delta replacement), CLASS 20 (heavy starting duty 3 x Ie for 45 s), CLASS 30 (6 x Ie for 30 s), Rated operational voltage: Ue= 200 V, 230 V, 400 V, 480 V, 600 V, Connection to SmartWire-DT: no, Frame size: V, Ordering information: Terminal blocks for the terminals are required for frame sizes T, U, and V -> Accessories, Standards: IEC/EN 60947-4-2, UL 508, CSA22.2-14-1995, GB14048

## STRUCTURED PRODUCT DATA

**Technical Specifications**

No structured technical attributes are currently available. Submit an RFQ for technical review.

**Classification & Catalog Path**

|              |                                                  |
|--------------|--------------------------------------------------|
| Catalog path | EATON - MOELLER > High Performance Soft Starters |
|--------------|--------------------------------------------------|

**Additional Product Information**

## General specifications

Product Name Eaton S811 Soft starter Catalog Number 169008 Model Code S811+V85N3S EAN 4015081654710 Product Length/Depth 187.8 mm Product Height 420.8 mm Product Width 280.6 mm Product Weight 41.4 kg Certifications IEC/EN 60947-4-2

CCC

CSA-C22.2 No. 14

UL 508

UL File No.: E202571

UL

GB14048

CSA File No.: LR 353

CE

CSA Class No.: 3211-06

CSA22.2-14-1995

C-Tick

UL Category Control No.: NMFT

CSA Features & Functions

Fault memory 10 Faults Fitted with: Internal bypass contacts

Internal bypass

Motor overload protection

Display Functions Soft start function

Potential isolation between power and control sections

Single direction

Suppression of DC components for motors

Min. ramp time 1 s - fast switching (semiconductor contactor)

Overload monitoring

Suppression of closing transients

Underload monitoring

Current limitation Interfaces Modbus RTU (built-in) General

Class Adjustable Connection to SmartWire-DT No Degree of protection IP20

NEMA Other Frame size V Mains voltage - min 200 V Mains voltage - max 600 V Mounting position As required

Overvoltage category II Pollution degree 3 Radio interference class Class A (EN 55011) Rated impulse withstand voltage (Uimp) 4000 V Rated insulation voltage (Ui) 660 V Shock resistance 15 g, Mechanical Startup class CLASS 20 (heavy starting duty 3 x Ie for 45 s)

CLASS 30 (6 x Ie for 30 s)

CLASS 10 (star-delta replacement) Suitable for Branch circuits, not as BCPD, (UL/CSA) Type Soft starter for three-phase loads, with control...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / S811+V85N3S with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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