

**INDUSTRIAL COMPONENT DATA**

# S811+V85V3S 169010 Y7-169010 EATON ELECTRIC Soft starter, 850 A, 200 690 V AC, Us 24 V DC, with control unit..

Brand: EATON - MOELLER | Manufacturer Part Number: S811+V85V3S



|                 |                 |
|-----------------|-----------------|
| Manufacturer    | EATON - MOELLER |
| MPN / Reference | S811+V85V3S     |
| Catalog number  | Y7-169010       |
| Category        | Soft starter    |
| Minimum order   | 1 Pcs           |
| Document ID     | EO-830CD3DA7B   |
| Generated       | 2026-08-06      |

## Product Overview

Soft starter, 850 A, 200 - 690 V AC, Us= 24 V DC, with control unit and pump algorithm, for 690-V grids, Frame size V S811+V85V3S

Soft starter, Description: With internal bypass contacts, Function: Soft starter for three-phase loads, with control unit and pump algorithm, for 690-V grids, Mains supply voltage (50/60 Hz): ULN= 200 - 690 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 690 V, 50 Hz: P= 710 kW, at 460 V, 60 Hz: P= 600 HP, Rated operational current AC-53: Ie= 850 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, 690 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 169010 Model Code S811+V85V3S EAN 4015081655038 Product Length/Depth 187.8 mm Product Height 420.8 mm Product Width 280.6 mm Product Weight 41.4 kg Certifications CSA UL 508 C-Tick CCC

UL File No.: E202571

IEC/EN 60947-4-2

CE

CSA22.2-14-1995

UL

UL Category Control No.: NMFT

GB14048 Features & Functions

Fault memory 10 Faults Fitted with: Internal bypass

Motor overload protection

Internal bypass contacts

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

Suppression of DC components for motors

Current limitation

Single direction

Potential isolation between power and control sections

Overload monitoring

Soft start function

Suppression of closing transients

Underload monitoring Interfaces Modbus RTU (built-in) General

Class Adjustable Connection to SmartWire-DT No Degree of protection IP00

NEMA Other Frame size V Mains voltage - min 200 V Mains voltage - max 690 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 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 unit and pump algorithm, for 690-V grids Voltage type DC Climatic environmental conditions

Altit...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / S811+V85V3S 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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