

## INDUSTRIAL COMPONENT DATA

**S811+U42N3S 169870 S811PLUSU42N3S EATON ELECTRIC**  
**Soft starter, 420 A, 200 600 V AC, Us 24 V DC, Frame size U**

Brand: EATON - MOELLER | Manufacturer Part Number: S811+U42N3S



|                 |                 |
|-----------------|-----------------|
| Manufacturer    | EATON - MOELLER |
| MPN / Reference | S811+U42N3S     |
| Catalog number  | S811PLUSU42N3S  |
| Category        | Soft starter    |
| Minimum order   | 1 Pcs           |
| Document ID     | EO-776BD9D2F2   |
| Generated       | 2026-08-04      |

**Product Overview**

Soft starter, 420 A, 200 - 600 V AC, Us= 24 V DC, Frame size U

Soft starter, 420 A, 200 - 600 V AC, Us= 24 V DC, with control unit, Frame size U

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= 200 kW, at 460 V, 60 Hz: P= 350 HP, Rated operational current AC-53: Ie= 420 A, Rated operational current AC-53, In-Delta: Ie= 727 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: U, 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 169870 Model Code S811+U42N3S EAN 4015081663682 Product Length/Depth 182 mm Product Height 323.1 mm Product Width 194.4 mm Product Weight 18.6 kg Certifications CSA File No.: LR 353

UL Category Control No.: NMFT

UL File No.: E202571

CE  
UL 508  
CSA Class No.: 3211-06  
CSA  
UL  
GB14048  
CSA22.2-14-1995  
CSA-C22.2 No. 14  
C-Tick  
CCC  
IEC/EN 60947-4-2 Features & Functions  
Fault memory 10 Faults Fitted with: Display  
Internal bypass  
Motor overload protection  
Internal bypass contacts Functions Suppression of closing transients  
Soft start function  
Suppression of DC components for motors  
Min. ramp time 1 s - fast switching (semiconductor contactor)  
Potential isolation between power and control sections  
Overload monitoring  
Current limitation  
Underload monitoring  
Single direction Interfaces Modbus RTU (built-in) General  
Class Adjustable Connection to SmartWire-DT No Degree of protection IP20  
NEMA Other Frame size U 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 10 (star-delta replacement)  
CLASS 20 (heavy starting duty 3 x Ie for 45 s)  
CLASS 30 (6 x Ie for 30 s) Suitable for Branch circuits, not as BCPD, (UL/CSA) Type Soft starter for three-phase loads, with control u...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / S811+U42N3S 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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