

INDUSTRIAL COMPONENT DATA

S811+V50V3S 169001 Y7-169001 EATON ELECTRIC Soft starter, 500 A, 200 690 V AC, Us 24 V DC, with control unit..

Brand: EATON - MOELLER | Manufacturer Part Number: S811+V50V3S



Manufacturer	EATON - MOELLER
MPN / Reference	S811+V50V3S
Catalog number	Y7-169001
Category	Soft starter
Minimum order	1 Pcs
Document ID	EO-DD453BA856
Generated	2026-08-04

Product Overview

Soft starter, 500 A, 200 - 690 V AC, Us= 24 V DC, with control unit and pump algorithm, for 690-V grids, Frame size V S811+V50V3S

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= 250 kW, at 690 V, 50 Hz: P= 500 kW, at 460 V, 60 Hz: P= 400 HP, Rated operational current AC-53: Ie= 500 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 -

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 169001 Model Code S811+V50V3S EAN 4015081654956 Product Length/Depth 187.8 mm Product Height 420.8 mm Product Width 280.6 mm Product Weight 41.4 kg Certifications UL File No.: E202571

CSA22.2-14-1995

C-Tick

UL

CCC

GB14048

UL 508

IEC/EN 60947-4-2

CSA

CE

UL Category Control No.: NMFT Features & Functions

Fault memory 10 Faults Fitted with: Motor overload protection

Internal bypass

Display

Internal bypass contacts Functions Min. ramp time 1 s - fast switching (semiconductor contactor)

Soft start function

Potential isolation between power and control sections

Overload monitoring

Single direction

Suppression of DC components for motors

Suppression of closing transients

Current limitation

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 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 unit and pump algorithm, for 690-V grids Voltage type DC Climatic environmental conditions

Altit...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / S811+V50V3S with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.