

INDUSTRIAL COMPONENT DATA

S811+V42V3S 168998 Y7-168998 EATON ELECTRIC Soft starter, 420 A, 200 690 V AC, Us 24 V DC, with control unit..

Brand: EATON - MOELLER | Manufacturer Part Number: S811+V42V3S



Manufacturer	EATON - MOELLER
MPN / Reference	S811+V42V3S
Catalog number	Y7-168998
Category	Soft starter
Minimum order	1 Pcs
Document ID	EO-D52F08A6EE
Generated	2026-08-05

Product Overview

Soft starter, 420 A, 200 - 690 V AC, Us= 24 V DC, with control unit and pump algorithm, for 690-V grids, Frame size V S811+V42V3S

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= 200 kW, at 690 V, 50 Hz: P= 400 kW, at 460 V, 60 Hz: P= 350 HP, Rated operational current AC-53: Ie= 420 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
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Additional Product Information

General specifications

Product Name Eaton S811 Soft starter Catalog Number 168998 Model Code S811+V42V3S EAN 4015081654925 Product Length/Depth 187.8 mm Product Height 420.8 mm Product Width 280.6 mm Product Weight 41.4 kg Certifications CSA CSA22.2-14-1995

UL Category Control No.: NMFT

C-Tick

CCC

UL
IEC/EN 60947-4-2
CE
GB14048
UL File No.: E202571
UL 508 Features & Functions
Fault memory 10 Faults Fitted with: Motor overload protection
Internal bypass
Internal bypass contacts
Display Functions Suppression of closing transients
Min. ramp time 1 s - fast switching (semiconductor contactor)
Current limitation
Soft start function
Single direction
Suppression of DC components for motors
Potential isolation between power and control sections
Overload monitoring
Underload monitoring 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 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 30 (6 x Ie for 30 s)
CLASS 20 (heavy starting duty 3 x Ie for 45 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+V42V3S 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

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