

INDUSTRIAL COMPONENT DATA

S811+T18P3S 168985 Y7-168985 EATON ELECTRIC Soft starter, 3p, 180A, Ue 200-600VAC

Brand: EATON - MOELLER | Manufacturer Part Number: S811+T18P3S



Manufacturer	EATON - MOELLER
MPN / Reference	S811+T18P3S
Catalog number	Y7-168985
Category	Soft starter
Minimum order	1 Pcs
Document ID	EO-41BB0E7266
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Product Overview

Soft starter, 3p, 180A, Ue= 200-600VAC

S811+T18P3S

Eaton S811 Soft starter, 180 A, 200 - 600 V AC, Us= 24 V DC, with control unit and pump algorithm, Frame size T

Soft starter, Description: With internal bypass contacts, Function: Soft starter for three-phase loads, with control unit and pump algorithm, 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= 90 kW, at 460 V, 60 Hz: P= 150 HP, Rated operational current AC-53: Ie= 180 A, Rated operational current AC-53, In-Delta: Ie= 311 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: T, 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 168985 Model Code S811+T18P3S EAN 4015081654802 Product Length/Depth 164.4 mm Product Height 322.9 mm Product Width 194.4 mm Product Weight 18.6 kg Warranty Compliances CE Marked Certifications EN 60947-4-2

UL Recognized

UL Listed

IEC 60947-4-2

CSA file No. 3211-06

CSA Certified for Elevator Duty

C-Tick

UL Category Control No.: NMFT

CSA

CSA22.2-14-1995

CCC

CSA Class No.: 3211-06, 2411-01

CE

UL File No.: E202571

CSA-C22.2 No. 14

GB14048

UL

IEC/EN 60947-4-2

UL 508

CSA File No.: LR 353 Features & Functions

Fault memory 10 Faults Fitted with: Display

Internal bypass contacts

Motor overload protection

Internal bypass Functions Overload monitoring

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

Soft start function

Suppression of DC components for motors

Current limitation

Potential isolation between power and control sections

Suppression of closing transients

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 T 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 30 (6 x Ie for 30 s)

CLASS 20...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / S811+T18P3S with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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