

## INDUSTRIAL COMPONENT DATA

**DS7-340SX160N0-L 171753 Y7-171753 EATON ELECTRIC Soft starter, 160 A, 200 480 V AC, 24 V AC/DC, Frame size F..**

Brand: EATON - MOELLER | Manufacturer Part Number: DS7-340SX160N0-L



|                 |                  |
|-----------------|------------------|
| Manufacturer    | EATON - MOELLER  |
| MPN / Reference | DS7-340SX160N0-L |
| Catalog number  | Y7-171753        |
| Category        | Soft starter     |
| Minimum order   | 1 Pcs            |
| Document ID     | EO-FA3B531749    |
| Generated       | 2026-08-05       |

**Product Overview**

Soft starter, 160 A, 200 - 480 V AC, 24 V AC/DC, Frame size FS4, Ambient temperature Operation -40 - +40 °C  
DS7-340SX160N0-L

Soft starter, Description: With internal bypass contacts, Function: Soft starters for three-phase loads, Mains supply voltage (50/60 Hz): ULN= 200 - 480 V AC, Supply voltage: Us= 24 V AC/DC, Control voltage: UC= 24 V AC, 24 V DC, Assigned motor rating (Standard connection, In-Line) at 400 V, 50 Hz: P= 90 kW, at 460 V, 60 Hz: P= 125 HP, Rated operational current AC-53: Ie= 160 A, Rated operational voltage: Ue= 200 V, 230 V, 400 V, 480 V, Connection to SmartWire-DT: no, Frame size: FS4, Standards: IEC/EN 60947-4-2, UL 508, CSA22.2-14

## 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 > Standard Soft Starters |
|--------------|------------------------------------------|

**Additional Product Information**

## General specifications

Product Name Eaton DS7 Soft starter Catalog Number 171753 Model Code DS7-340SX160N0-L EAN 4015081680771

Product Length/Depth 178 mm Product Height 215 mm Product Width 105 mm Product Weight 3.799 kg Certifications

CSA-C22.2 No 14-05

GB 14048.6

CSA-C22.2 No 0-M91

UL 508

CSA File No.: 2511305

CSA22.2-14

C-Tick

UL

CSA

CSA Class No.: 321106

UL File No.: E251034

IEC/EN 60947-4-2

CE

UkrSEPRO Features & Functions

Fitted with: Internal bypass

Internal bypass contacts Functions Suppression of closing transients

Soft start function

Potential isolation between power and control sections

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

Suppression of DC components for motors

Single direction General

Class Other Connection to SmartWire-DT No Degree of protection IP20

NEMA 1 Frame size FS4 Mains voltage - max 480 V Mains voltage - min 200 V Overvoltage category II Pollution degree 2

Radio interference class Class B (EN 55011) Suitable for Branch circuits, (UL/CSA) Type Soft starter for three-phase loads

Voltage type AC/DC Ambient conditions, mechanical

Mounting position Vertical Shock resistance 8 g, 11 ms, Mechanical Vibration resistance 2M2 to EN 60721-3-2 Climatic environmental conditions

Altitude Above 1000 m with 1 % derating per 100 m

Max. 2000 m Ambient operating temperature - max 40 °C Ambient operating temperature - min -40 °C Climatic proofing

Damp heat, constant, to IEC 60068-2-3

Cold to EN 60068-2-1

Damp heat, cyclic, to IEC 60068-2-30 Main....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DS7-340SX160N0-L 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

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.