

INDUSTRIAL COMPONENT DATA

DS7-342SX100N0-N 134938 Y7-134938 EATON ELECTRIC Soft starter, 3p, 100A, 200-480VAC, us 110/230VAC

Brand: EATON - MOELLER | Manufacturer Part Number: DS7-342SX100N0-N



Manufacturer	EATON - MOELLER
MPN / Reference	DS7-342SX100N0-N
Catalog number	Y7-134938
Category	Soft starter
Minimum order	1 Pcs
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Product Overview

Soft starter, 3p, 100A, 200-480VAC, us=110/230VAC

DS7-342SX100N0-N

Eaton DS7 Soft starter, 100 A, 200 - 480 V AC, Us= 110 - 230 V AC, Frame size FS3

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= 110 - 230 V AC, Control voltage: UC= 110 - 230 V AC, Assigned motor rating (Standard connection, In-Line) at 400 V, 50 Hz: P= 55 kW, at 460 V, 60 Hz: P= 75 HP, Rated operational current AC-53: Ie= 100 A, Rated operational voltage: Ue= 200 V, 230 V, 400 V, 480 V, Connection to SmartWire-DT: no, Frame size: FS3, 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 134938 Model Code DS7-342SX100N0-N EAN 4015081317530

Product Length/Depth 139 mm Product Height 175 mm Product Width 93 mm Product Weight 1.8 kg Certifications IEC/EN 60947-4-2

GB 14048.6

UL

CSA

UL File No.: E251034

CE
CSA File No.: 2511305
CSA-C22.2 No 14-05
UkrSEPRO
CSA Class No.: 321106
UL 508
C-Tick
CSA22.2-14
CSA-C22.2 No 0-M91 Features & Functions
Fitted with: Internal bypass contacts
Internal bypass Functions Min. ramp time 1 s - fast switching (semiconductor contactor)
Soft start function
Suppression of closing transients
Potential isolation between power and control sections
Suppression of DC components for motors
Single direction General
Class Other Connection to SmartWire-DT No Degree of protection IP20
NEMA 1 Frame size FS3 Mains voltage - max 480 V Mains voltage - min 200 V Overvoltage category II Pollution degree 2
Radio interference class Class A (EN 55011) Suitable for Branch circuits, (UL/CSA) Type Soft starter for three-phase loads
Voltage type AC 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 Max. 2000 m
Above 1000 m with 1 % derating per 100 m Ambient operating temperature - max 40 °C Ambient operating temperature -
min -5 °C Climatic proofing Damp heat, constant, to IEC 60068-2-3
Damp heat, cyclic, to IEC 60068-2-30 Main conducting paths
Overload cy...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DS7-342SX100N0-N 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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requirements against the manufacturer documentation before purchase or installation.