

INDUSTRIAL COMPONENT DATA

**EMS2-DO-Z-9-230VAC 197170 Y7-197170 EATON ELECTRIC
DOL starter, 230 V AC, 1,5 6,5 (AC-53a), 9 (AC-51) A, Scr..**

Brand: EATON - MOELLER | Manufacturer Part Number: EMS2-DO-Z-9-230VAC



Manufacturer	EATON - MOELLER
MPN / Reference	EMS2-DO-Z-9-230VAC
Catalog number	Y7-197170
Category	Motor starter/Motor starter combination
Minimum order	1 Pcs
Document ID	EO-D9D14130C8
Generated	2026-08-06

Product Overview

DOL starter, 230 V AC, 1,5 - 6,5 (AC-53a), 9 (AC-51) A, Screw terminals

EMS2-DO-Z-9-230VAC

Eaton Moeller® series EMS2 DOL starter, 230 V AC, 1,5 - 6,5 (AC-53a), 9 (AC-51) A, Screw terminals

DOL starter, Product range: Electronic motor starter, Description: DOL starting, Motor protection, Circuit design: safety output stage with bypass, three-phase disconnect., Max. motor rating for three-phase motors, 50 - 60 Hz AC-53a 380 V 400 V 415 V: P= 0.55 - 3 kW, Setting range of overload releases: Ir= 1,5 - 9 A_x, Actuating voltage: 230 V AC, Connection technique: Screw terminals, Connection to SmartWire-DT: no, Mounting position: Vertical, Motor feeder at bottom, Standards: IEC/EN 60947-4-2, UL508

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 Moeller® series EMS2 DOL starter Catalog Number 197170 Model Code EMS2-DO-Z-9-230VAC
EAN 4015080896111 Product Length/Depth 114.5 mm Product Height 99 mm Product Width 22.5 mm Product Weight
0.287 kg Certifications UL508

IEC/EN 60947-4-2

UL File No.: E29096

UL Category Control No.: NLDX, NLDX7

UL 60947-4-1

CSA-C22.2 No. 60947-4-1-14

CE marking

UL listed

Certified by UL for use in Canada

UL report applies to both US and Canada Features & Functions

Functions Temperature compensated overload protection

DOL starting

Motor protection General

Class CLASS 10 A Connection to SmartWire-DT No Degree of protection IP20

NEMA Other Model Direct starter Mounting method Top-hat rail fixing (according to IEC/EN 60715, 35 mm)

Rail mounting possible Mounting position Motor feeder at bottom

Vertical Overload release current setting - min 1.5 A Overload release current setting - max 9 A Product category Electronic motor starter Terminal capacity 0.2 - 2.5 mm², Main cables

0.14 - 2.5 mm², Control circuit cables Terminal capacity (AWG) 24 - 14, Main cables

26 - 14, Control circuit cables Type DOL starter (complete device) Voltage type AC Climatic environmental conditions

Ambient operating temperature - min -25 °C Ambient operating temperature - max 70 °C Ambient storage temperature - min 40 °C Ambient storage temperature - max 80 °C Electro magnetic compatibility

Radio interference class Class A (EN 61000-6-3, emitted interference, radiated)

EN 55011 Elec...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / EMS2-DO-Z-9-230VAC 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.