

INDUSTRIAL COMPONENT DATA

EMS2-DOS-Z-9-24VDC 197166 Y7-197166 EATON ELECTRIC Starter electronic direct Start 9 A 24 V DC Emergency Sto..

Brand: EATON - MOELLER | Manufacturer Part Number: EMS2-DOS-Z-9-24VDC



Manufacturer	EATON - MOELLER
MPN / Reference	EMS2-DOS-Z-9-24VDC
Catalog number	Y7-197166
Category	Motor starter/Motor starter combination
Minimum order	1 Pcs
Document ID	EO-097A877DF9
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Product Overview

Starter electronic; direct Start; 9 A; 24 V DC; Emergency Stop; Connection-screw

EMS2-DOS-Z-9-24VDC

Eaton Moeller® series EMS2 DOL starter, 24 V DC, 1,5 - 7 (AC-53a), 9 (AC-51) A, Screw terminals, Controlled stop, PTB 19 ATEX 3000

DOL starter, Product range: Electronic motor starter, Description: DOL starting, Motor protection, Emergency-stop actuator, Circuit design: safety output stage with bypass, three-phase disconnect., Conformity, Approval Explosion protection (according to ATEX 94/9/EC): II (2) G [Ex e] [Ex d] [Ex px], II (2) D [Ex t] [Ex p], Conformity, Approval EC-prototype test certification: PTB 13 ATEX 3003, 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: 24 V DC, Connection technique: Screw terminals, Stop Function: Controlled stop, Connection to SmartWire-DT: no, Mounting position: Vertical, Motor feeder at bottom, Standards: IEC/EN 60947-4-2, IEC 61508, ISO 13849, 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 197166 Model Code EMS2-DOS-Z-9-24VDC
EAN 4015080896074 Product Length/Depth 114.5 mm Product Height 99 mm Product Width 22.5 mm Product Weight
0.287 kg Certifications IEC/EN 60947-4-2
IEC 61508

EN ISO 13849

UL508

UL File No.: E338590

UL Category Control No.: NLDX, NLDX7

PTB 19 ATEX 3000

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

Motor protection

Controlled stop

DOL starting General

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

NEMA Other Model Direct starter Mounting method Rail mounting possible

Top-hat rail fixing (according to IEC/EN 60715, 35 mm) Mounting position Vertical

Motor feeder at bottom Overload release current setting - min 1.5 A Overload release current setting - max 9 A Product

category Electronic motor starter Residual ripple $\leq 5\%$ (input voltage) Terminal capacity 0.2 - 2.5 mm², Main cables

0.14 - 2.5 mm², Control circuit cables

0.2 - 2.5 mm², Main cables, Push-in terminals Terminal capacity (AWG) 26 - 14, Control circuit cables

24 - 14, Main cables Type DOL starter (complete device) Voltage type DC Climatic environmental conditions

Ambient operating temperature - min -25 °C Ambient operating temperature - max 70 °C Ambient storage temperature - min

40 °C Ambient storage tempera...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / EMS2-DOS-Z-9-24VDC 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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