

## INDUSTRIAL COMPONENT DATA

# EMS2-DOS-Z-3-24VDC 197162 Y7-197162 EATON ELECTRIC Starter electronic direct Start 2.4 A 24 V DC Emergency S..

Brand: EATON - MOELLER | Manufacturer Part Number: EMS2-DOS-Z-3-24VDC



|                 |                                         |
|-----------------|-----------------------------------------|
| Manufacturer    | EATON - MOELLER                         |
| MPN / Reference | EMS2-DOS-Z-3-24VDC                      |
| Catalog number  | Y7-197162                               |
| Category        | Motor starter/Motor starter combination |
| Minimum order   | 1 Pcs                                   |
| Document ID     | EO-0B33C2EBD3                           |
| Generated       | 2026-08-04                              |

## Product Overview

Starter electronic; direct Start; 2.4 A; 24 V DC; Emergency Stop; Connection-screw

EMS2-DOS-Z-3-24VDC

Eaton Moeller® series EMS2 DOL starter, 24 V DC, 0,18 - 3 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= 0.06 - 0.75 kW, Setting range of overload releases: Ir= 0,18 - 3 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 197162 Model Code EMS2-DOS-Z-3-24VDC EAN 4015080896036 Product Length/Depth 114.5 mm Product Height 99 mm Product Width 22.5 mm Product Weight 0.287 kg Certifications UL508

EN ISO 13849

IEC 61508

IEC/EN 60947-4-2

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 Motor protection

Temperature compensated overload protection

DOL starting

Controlled stop General

Class CLASS 10 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 0.18 A Overload release current setting - max 3 A Product category Electronic motor starter Residual ripple  $\leq 5\%$  (input voltage) Terminal capacity 0.2 - 2.5 mm<sup>2</sup>, Main cables,

Push-in terminals

0.2 - 2.5 mm<sup>2</sup>, Main cables

0.14 - 2.5 mm<sup>2</sup>, Control circuit cables 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 temperatur...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / EMS2-DOS-Z-3-24VDC 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

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