

INDUSTRIAL COMPONENT DATA

EMS2-ROS-Z-3-24VDC 197163 Y7-197163 EATON ELECTRIC Starter electronic Starter inverter 2.4 A 24 V DC Emergen..

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



Manufacturer	EATON - MOELLER
MPN / Reference	EMS2-ROS-Z-3-24VDC
Catalog number	Y7-197163
Category	Motor starter/Motor starter combination
Minimum order	1 Pcs
Document ID	EO-2E2EA6AAA1
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Product Overview

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

EMS2-ROS-Z-3-24VDC

Eaton Moeller® series EMS2 Reversing starter, 24 V DC, 0,18 - 3 A, Screw terminals, Controlled stop, PTB 19 ATEX 3000
EMS2-ROS-Z-3-24VDC

Reversing starter, Product range: Electronic motor starter, Description: DOL starting, Reversing start, Motor protection, Circuit design: safety output stage with bypass, three-phase disconnect., Controlled stop via additional enable signal terminal up to SIL3/Plc., 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 Reversing starter Catalog Number 197163 Model Code

EMS2-ROS-Z-3-24VDC EAN 4015080896043 Product Length/Depth 114.5 mm Product Height 99 mm Product Width 22.5 mm Product Weight 0.287 kg Certifications EN ISO 13849

IEC/EN 60947-4-2

IEC 61508

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 DOL starting

Reversing start

Controlled stop

Temperature compensated overload protection

Motor protection General

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

NEMA Other Model Reversing 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 0.18 A Overload release current setting - max 3 A Product category

Electronic motor starter Residual ripple $\leq 5\%$ (input voltage) Terminal capacity 0.14 - 2.5 mm², Control circuit cables 0.2 - 2.5 mm², Main cables

0.2 - 2.5 mm², Main cables, Push-in terminals Terminal capacity (AWG) 24 - 14, Main cables

26 - 14, Control circuit cables Type Reversing 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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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