

INDUSTRIAL COMPONENT DATA

EMS2-RO-Z-2,4-24VDC 197161 Y7-197161 EATON ELECTRIC

Reversing starter, 24 V DC, 0,18 2,4 A, Screw terminals

Brand: EATON - MOELLER | Manufacturer Part Number: EMS2-RO-Z-2,4-24VDC



Manufacturer	EATON - MOELLER
MPN / Reference	EMS2-RO-Z-2,4-24VDC
Catalog number	Y7-197161
Category	Motor starter/Motor starter combination
Minimum order	1 Pcs
Document ID	EO-DA1BEACF7D
Generated	2026-08-06

Product Overview

Reversing starter, 24 V DC, 0,18 - 2,4 A, Screw terminals

EMS2-RO-Z-2,4-24VDC

Eaton Moeller® series EMS2 Reversing starter, 24 V DC, 0,18 - 2,4 A, Screw terminals

Reversing starter, Product range: Electronic motor starter, Description: DOL starting, Reversing start, 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= 0.06 - 0.75 kW, Setting range of overload releases: Ir= 0,18 - 2,4 A_x, Actuating voltage: 24 V DC, 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 Reversing starter Catalog Number 197161 Model Code

EMS2-RO-Z-2,4-24VDC EAN 4015080896029 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

UL508 Features & Functions

Functions DOL starting

Reversing start

Motor protection

Temperature compensated overload protection General

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

NEMA Other Model Reversing 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 mm², Main cables, Push-in terminals

0.14 - 2.5 mm², Control circuit cables

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

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

Ambient operating temperature - min -25 °C Ambient operating temperature - max 60 °C Ambient storage temperature - min 40 °C Ambient storage temperature - max 80 °C Electro magnetic compatibility

Radio interference class EN 55011

Class A (EN 61000-6-3, emitted interference, radiated) Electrical rating

Rated actuating current (Ic) 5 mA Rated conditional short-circuit cur...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / EMS2-RO-Z-2,4-24VDC 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

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.