

INDUSTRIAL COMPONENT DATA

DILM17-21(RDC24) 277082 Y7-277082 EATON ELECTRIC Contactor, 3p+2N/O+1N/C, 7.5kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILM17-21(RDC24)



Manufacturer	EATON - MOELLER
MPN / Reference	DILM17-21(RDC24)
Catalog number	Y7-277082
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-EF6AB571AA
Generated	2026-08-06

Product Overview

Contactor, 3p+2N/O+1N/C, 7.5kW/400V/AC3

DILM17-21(RDC24)

Eaton Moeller® series DILM Contactor, 380 V 400 V 7.5 kW, 2 N/O, 1 NC, RDC 24: 24 - 27 V DC, DC operation, Screw terminals

Contactor, Application: Contactors for Motors, Complete devices up to 170 A, Utilization category: AC-1: Non-inductive or slightly inductive loads, resistance furnaces, NAC-3: Normal AC induction motors: starting, switch off during running, AC-4: Normal AC induction motors: starting, plugging, reversing, inching, Connection technique: Screw terminals, Notes: Also suitable for motors with efficiency class IE3., IE3-ready devices are identified by the logo on their packaging., Rated operational current AC-3 380 V 400 V: $I_e = 18$ A, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: $I_{th} = I_e = 40$ A, enclosed: $I_{th} = 32$ A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: $I_{th} = 88$ A, enclosed: $I_{th} = 80$ A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: $P = 5$ kW, 380 V 400 V: $P = 7.5$ kW, 660 V 690 V: $P = 11$ kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: $P = 2.5$ kW, 380 V 400 V: $P = 4.5$ kW, 660 V 690 V: $P = 6.5$ kW, Contacts N/O = Normally open: 2 N/O, Contacts N/C = Normally closed: 1 NC, Instructions: Contacts to EN 50 012., integrated suppressor circuit in actuating electronics, with mirror con...

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 > Contactors up to 170A

Additional Product Information

General specifications

Product Name Eaton Moeller® series DILM contactor Catalog Number 277082 Model Code DILM17-21(RDC24) EAN 4015082770822 Product Length/Depth 138 mm Product Height 85 mm Product Width 45 mm Product Weight 0.593 kg

Certifications UL

IEC/EN 60947-4-1

CSA Class No.: 2411-03, 3211-04

CSA File No.: 012528

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

CSA

UL Category Control No.: NLDX

UL File No.: E29096

UL 60947-4-1

CE

IEC/EN 60947

VDE 0660 Catalog Notes Contacts according to EN 50012 Features & Functions

Fitted with: Suppressor circuit in actuating electronics

Mirror contact Number Of Poles Three-pole General

Application Contactors for Motors Lifespan, mechanical 7,000,000 Operations (Coil 50/60 Hz)

10,000,000 Operations (DC operated) Operating frequency 5000 mechanical Operations/h (DC operated) Overvoltage category III Pollution degree 3 Product category Contactors Protection Finger and back-of-hand proof, Protection against direct contact when actuated from front (EN 50274) Rated impulse withstand voltage (Uimp) 8000 V AC Resistance per pole 2.7 m Ω Suitable for Also motors with efficiency class IE3 Utilization category AC-4: Normal AC induction motors: starting, plugging, reversing, inching

AC-3: Normal AC induction motors: starting, switch off during running

AC-1: Non-inductive or slightly inductive loads, resistance furnaces Voltage type DC Ambient conditions, mechanical

Shock resistance 6.9 g, N/O main contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mount...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM17-21(RDC24) 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.