

INDUSTRIAL COMPONENT DATA

DILM17-10(RDC130) 277020 Y7-277020 EATON ELECTRIC Contactor, 3p+1N/O, 7.5kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILM17-10(RDC130)



Manufacturer	EATON - MOELLER
MPN / Reference	DILM17-10(RDC130)
Catalog number	Y7-277020
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-3764AE6D52
Generated	2026-08-06

Product Overview

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

DILM17-10(RDC130)

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 7.5 kW, 1 N/O, RDC 130: 110 - 130 V DC, DC operation, Screw terminals

Contactor, Application: Contactors for Motors, Contactors up to 170 A, 3 pole, 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., Number of poles: 3 pole, Rated operational current AC-3 380 V 400 V: I_{le} = 18 A, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: I_{th} = I_{le} = 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, Can be combined with auxiliary contact: DILM32-XHI., DILA-XHI(V)., Contacts N/O = Normally open: 1 N/O, Instructions: Contacts to EN 50 012., integrated s...

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 277020 Model Code DILM17-10(RDC130) EAN 4015082770204 Product Length/Depth 97 mm Product Height 85 mm Product Width 45 mm Product Weight 0.534 kg

Certifications UL Category Control No.: NLDX

CSA File No.: 012528

CSA

UL

CE

UL 60947-4-1

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

IEC/EN 60947-4-1

VDE 0660

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

IEC/EN 60947

UL File No.: E29096 Catalog Notes Contacts according to EN 50012 Features & Functions

Fitted with: Suppressor circuit in actuating electronics Number Of Poles Three-pole General

Application Contactors for Motors Frame size FS2 Lifespan, mechanical 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 mΩ Suitable for Also motors with efficiency class IE3 Utilization category AC-1: Non-inductive or slightly inductive loads, resistance furnaces

AC-4: Normal AC induction motors: starting, plugging, reversing, inching

AC-3: Normal AC induction motors: starting, switch off during running Voltage type DC Ambient conditions, mechanical

Shock resistance 10 g, N/O main contact, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms 5 g, N/C auxiliary contact,...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM17-10(RDC130) 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.