

## INDUSTRIAL COMPONENT DATA

# DILMC80(RDC24) 239652 Y7-239652 EATON ELECTRIC Contactor, 3p, 37kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILMC80(RDC24)



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | DILMC80(RDC24)                |
| Catalog number  | Y7-239652                     |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-87F61865EB                 |
| Generated       | 2026-08-03                    |

## Product Overview

Contactor, 3p, 37kW/400V/AC3

DILMC80(RDC24)

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 37 kW, RDC 24: 24 - 27 V DC, DC operation, Spring-loaded terminals DILMC80(RDC24)

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: Spring-loaded terminals, Notes: Also suitable for motors with efficiency class IE3., IE3-ready devices are identified by the logo on their packaging., Description: Spring-cage terminals on auxiliary and control circuit terminals, Number of poles: 3 pole, Rated operational current AC-3 380 V 400 V:  $I_e = 80$  A, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C:  $I_{th} = I_e = 110$  A, enclosed:  $I_{th} = 80$  A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open:  $I_{th} = 225$  A, enclosed:  $I_{th} = 200$  A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V:  $P = 25$  kW, 380 V 400 V:  $P = 37$  kW, 660 V 690 V:  $P = 63$  kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V:  $P = 11.5$  kW, 380 V 400 V:  $P = 20$  kW, 660 V 690 V:  $P = 26$  kW, Can be combined with auxiliary contact: DILM150-XHIC(V)\_, DILM1...

## 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 &gt; Contactors up to 170A

## Additional Product Information

### General specifications

Product Name Eaton Moeller® series DILM contactor Catalog Number 239652 Model Code DILMC80(RDC24) EAN 4015082396527 Product Length/Depth 160 mm Product Height 170 mm Product Width 90 mm Product Weight 2.25 kg Certifications CSA Class No.: 2411-03, 3211-04

IEC/EN 60947

IEC/EN 60947-4-1

UL Category Control No.: NLDX

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

UL File No.: E29096

CSA File No.: 012528

CE

UL

UL 60947-4-1

CSA

VDE 0660 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 FS4 Lifespan, mechanical 10,000,000 Operations (DC operated) Operating frequency 3600 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 Residual current 1 mA (with actuation of A1 - A2 by the electronics with "0" signal) Resistance per pole 0.6 m $\Omega$  Suitable for Also motors with efficiency class IE3 Utilization category AC-3: Normal AC induction motors: starting, switch off during running  
AC-4: Normal AC induction motors: starting, plugging, reversing, inching  
AC-1: Non-inductive or slightly inductive loads, resistance furnaces Voltage type DC Ambient conditions, mechanical Shock resistance 5 g, N/C auxiliary contact, Mechanical,....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILMC80(RDC24) 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

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