

## INDUSTRIAL COMPONENT DATA

# DILMC40(24V50/60HZ) 277969 Y7-277969 EATON ELECTRIC Contactor, 3p, 18.5kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILMC40(24V50/60HZ)



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | DILMC40(24V50/60HZ)           |
| Catalog number  | Y7-277969                     |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-3F5D154A15                 |
| Generated       | 2026-08-05                    |

## Product Overview

Contactor, 3p, 18.5kW/400V/AC3

DILMC40(24V50/60HZ)

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 18.5 kW, 24 V 50/60 Hz, AC operation, Spring-loaded 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: 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<sub>le</sub>= 40 A , Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: I<sub>th</sub> = I<sub>e</sub> = 60 A, enclosed: I<sub>th</sub> = 45 A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: I<sub>th</sub> = 125 A, enclosed: I<sub>th</sub> = 112 A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P= 12.5 kW, 380 V 400 V: P= 18.5 kW, 660 V 690 V: P= 23 kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: P= 5 kW, 380 V 400 V: P= 9 kW, 660 V 690 V: P= 12 kW, Can be combined with auxiliary contact: DILM150-XHIC(V)..., DILM1000-XHIC..., In...

## 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 277969 Model Code DILMC40(24V50/60HZ) EAN

4015082779696 Product Length/Depth 132.1 mm Product Height 115 mm Product Width 55 mm Product Weight 0.872 kg

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

CE

UL File No.: E29096

CSA

CSA File No.: 012528

CSA-C22.2 No. 14-05

IEC/EN 60947-4-1

IEC/EN 60947

UL

UL 508

UL Category Control No.: NLDX

VDE 0660 Catalog Notes Contacts according to EN 50012 Product specifications

Electrical connection type for auxiliary- and control-current circuit Spring clamp connection Number Of Poles Three-pole

10.10 Temperature rise The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. 10.2.2 Corrosion resistance Meets the product standard's requirements. 10.2.3.1 Verification of thermal stability of enclosures Meets the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to normal heat Meets the product standard's requirements. 10.2.3.3 Resist. of insul. mat. to abnormal heat/fi...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILMC40(24V50/60HZ) 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

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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