

## INDUSTRIAL COMPONENT DATA

**DILM40(230V50HZ,240V60HZ) 277766 Y7-277766 EATON  
ELECTRIC 277766 DILM40(230V50HZ,240V60HZ)**

Brand: EATON - MOELLER | Manufacturer Part Number: DILM40(230V50HZ,240V60HZ)



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | DILM40(230V50HZ,240V60HZ)     |
| Catalog number  | Y7-277766                     |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-8D4CC9209E                 |
| Generated       | 2026-08-06                    |

**Product Overview**

277766 DILM40(230V50HZ,240V60HZ)

DILM40(230V50HZ,240V60HZ)

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 18.5 kW, 230 V 50 Hz, 240 V 60 Hz, AC operation, Screw terminals DILM40(230V50HZ,240V60HZ)

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<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>le</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-XHI(V).., DILM1000-XHI(V).., Instructions: Contacts to EN 50 012., Voltage AC/DC...

## 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 277766 Model Code DILM40(230V50HZ,240V60HZ)

EAN 4015082777661 Product Length/Depth 132.1 mm Product Height 115 mm Product Width 55 mm Product Weight 0.872 kg Compliances CE Marked Certifications IEC 60947-4-1

CSA Std. C22.2 No. 14-05

UL 508

EN 60947-4-1

CSA Certified

UL Listed

VDE 0660

CSA

IEC/EN 60947

UL 60947-4-1

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

CE

IEC/EN 60947-4-1

UL File No.: E29096

CSA File No.: 012528

UL

UL Category Control No.: NLDX

CSA Class No.: 2411-03, 3211-04 Catalog Notes Contacts according to EN 50012 Features & Functions

Number Of Poles Three-pole General

Application Contactors for Motors Frame size FS3 Lifespan, mechanical 10,000,000 Operations (AC operated) Operating frequency 5000 mechanical Operations/h (AC 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 1.9 m $\Omega$  Suitable for Also motors with efficiency class IE3 Type Full voltage non-reversing contactor Utilization category AC-3: Normal AC induction motors: starting, switch off during running

AC-1: Non-inductive or slightly inductive loads, resistance furnaces

AC-4: Normal AC induction motors: starting, plugging, reversing, inching Voltage type AC Ambient conditions, mechanical Shock resistance 5 g, N/C auxiliary co...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM40(230V50HZ,240V60HZ) 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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