

## INDUSTRIAL COMPONENT DATA

# DILM80(110V50/60HZ) 239408 Y7-239408 EATON ELECTRIC Contactor, 3p, 37kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILM80(110V50/60HZ)



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | DILM80(110V50/60HZ)           |
| Catalog number  | Y7-239408                     |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-835F1A7AC8                 |
| Generated       | 2026-08-05                    |

## Product Overview

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

DILM80(110V50/60HZ)

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 37 kW, 110 V 50/60 Hz, AC operation, Screw terminals  
DILM80(110V50/60HZ)

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> = 80 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> = 110 A, enclosed: I<sub>th</sub> = 80 A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: I<sub>th</sub> = 225 A, enclosed: I<sub>th</sub> = 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-XHI(V)..., DILM1000-XHI(V)..., Instructions: Contacts to EN 50 012., Voltage AC/DC: AC operation

## 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 239408 Model Code DILM80(110V50/60HZ) EAN 4015082394080 Product Length/Depth 160 mm Product Height 170 mm Product Width 90 mm Product Weight 2.18 kg

Compliances CE Marked Certifications IEC 60947-4-1

CSA Std. C22.2 No. 14-05

UL 508

EN 60947-4-1

VDE

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

CE

CSA

IEC/EN 60947

IEC/EN 60947-4-1

UL Category Control No.: NLDX

UL

CSA File No.: 012528

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

UL 60947-4-1

UL File No.: E29096

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

Number Of Poles Three-pole General

Application Contactors for Motors Frame size FS4 Lifespan, mechanical 10,000,000 Operations (AC operated)

7,000,000 Operations (Coil 50/60 Hz) Operating frequency 3600 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 Residual current 1 mA (with actuation of A1 - A2 by the electronics with "0" signal) Resistance per pole 0.6 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 AC Ambient conditions...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM80(110V50/60HZ) 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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