

## INDUSTRIAL COMPONENT DATA

# DILMF8-01(RAC24) 104414 Y7-104414 EATON ELECTRIC Contactor, 4p, 125A/AC1

Brand: EATON - MOELLER | Manufacturer Part Number: DILMF8-01(RAC24)



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | DILMF8-01(RAC24)              |
| Catalog number  | Y7-104414                     |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-71F98B1DEC                 |
| Generated       | 2026-08-06                    |

## Product Overview

Contactor, 4p, 125A/AC1

DILMF8-01(RAC24)

Eaton Moeller® series DILMF Contactors for Semiconductor Industries acc. to SEMI F47, 380 V 400 V: 7 A, 1 NC, RAC 24: 24 V 50/60 Hz, Screw terminals

Contactor, Application: Contactors for Semiconductor Industries acc. to SEMI F47, Contactors up to 150 A with electronic actuation, 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., Rated operational current AC-3 380 V 400 V:  $I_e = 7\text{ A}$ , Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C:  $I_{th} = I_e = 22\text{ A}$ , enclosed:  $I_{th} = 18\text{ A}$ , Rated operational current AC-1 Conventional free air thermal current, 1 pole open:  $I_{th} = 50\text{ A}$ , enclosed:  $I_{th} = 45\text{ A}$ , Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V:  $P = 2.2\text{ kW}$ , 380 V 400 V:  $P = 3\text{ kW}$ , 660 V 690 V:  $P = 3.5\text{ kW}$ , Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V:  $P = 1\text{ kW}$ , 380 V 400 V:  $P = 2.2\text{ kW}$ , 660 V 690 V:  $P = 2.9\text{ kW}$ , Contacts N/C = Normally closed: 1 NC, Instructions: Contacts to EN 50 012., built-in suppressor circuit, with mirror con...

## 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 DILMF contactor for semiconductor industries Catalog Number 104414 Model Code DILMF8-01(RAC24) EAN 4015081042319 Product Length/Depth 97 mm Product Height 85 mm Product Width 45 mm

Product Weight 0.531 kg Certifications CSA-C22.2 No. 60947-4-1-14

UL Category Control No.: NLDX

UL File No.: E29096

CSA

UL

UL 60947-4-1

IEC/EN 60947-4-1

CSA File No.: 012528

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

CE Catalog Notes Also tested according to AC-3e. Features & Functions

Fitted with: Mirror contact

Built-in suppressor circuit Number Of Poles Three-pole General

Application Contactors for Semiconductor Industries acc. to SEMI F47 Product category Contactors Resistance per pole 2.65 mΩ Suitable for SEMI F47, Magnet systems

Also motors with efficiency class IE3 Utilization category AC-4: Normal AC induction motors: starting, plugging, reversing, inching

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

AC-3: Normal AC induction motors: starting, switch off during running Voltage type AC Climatic environmental conditions

Ambient operating temperature - min -25 °C Ambient operating temperature - max 60 °C Electro Magnetic Compatibility

Emitted interference According to EN 60947-1 Interference immunity According to EN 60947-1 Electrical Rating

Rated operational current (Ie) at AC-1, 380 V, 400 V, 415 V 20 A Rated operational current (Ie) at AC-3, 220 V, 230 V, 240 V 7 A Rated operational current (Ie) at AC-3, 380 V, 400 V, 4...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILMF8-01(RAC24) 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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