

## INDUSTRIAL COMPONENT DATA

# DILMF80(RAC48) 104471 Y7-104471 EATON ELECTRIC Contactor, 3p+1N/O, 5HP/600VAC, SEMI F47

Brand: EATON - MOELLER | Manufacturer Part Number: DILMF80(RAC48)



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | DILMF80(RAC48)                |
| Catalog number  | Y7-104471                     |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-88E01ED6BB                 |
| Generated       | 2026-08-06                    |

## Product Overview

Contactor, 3p+1N/O, 5HP/600VAC, SEMI F47

DILMF80(RAC48)

Eaton Moeller® series DILMF Contactors for Semiconductor Industries acc. to SEMI F47, 380 V 400 V: 80 A, RAC 48: 42 - 48 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:  $I_e = 80$  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, Instructions: Contacts to EN 50 012., built-in suppressor circuit'

## 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 104471 Model Code

DILMF80(RAC48) EAN 4015081042883 Product Length/Depth 160 mm Product Height 170 mm Product Width 90 mm  
Product Weight 2.26 kg Certifications UL Category Control No.: NLDX

CSA

CE

UL 60947-4-1

UL

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

CSA File No.: 012528

IEC/EN 60947-4-1

UL File No.: E29096

CSA-C22.2 No. 60947-4-1-14 Catalog Notes Also tested according to AC-3e. Features & Functions

Fitted with: Built-in suppressor circuit Number Of Poles Three-pole General

Application Contactors for Semiconductor Industries acc. to SEMI F47 Overvoltage category III Pollution degree 3 Product  
category Contactors Resistance per pole 0.56 m $\Omega$ ? Suitable for Also motors with efficiency class IE3

SEMI F47, Magnet systems 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 Ambient operating temperature

(enclosed) - min -25 °C Ambient operating temperature (enclosed) - max 40 °C Ambient storage temperature - min -40 °C

Ambient storage temperature - max 80 °C Electro Magnetic Compatibility

Emitted interference According to EN 60947-1 Interference immunity According....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILMF80(RAC48) 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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd  
Floor, JLT, Dubai

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requirements against the manufacturer documentation before purchase or installation.