

INDUSTRIAL COMPONENT DATA

DILMF50(RAC24) 104462 Y7-104462 EATON ELECTRIC Contactor, 4p, 125A/AC1

Brand: EATON - MOELLER | Manufacturer Part Number: DILMF50(RAC24)



Manufacturer	EATON - MOELLER
MPN / Reference	DILMF50(RAC24)
Catalog number	Y7-104462
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-B711632312
Generated	2026-08-05

Product Overview

Contactor, 4p, 125A/AC1

DILMF50(RAC24)

Eaton Moeller® series DILMF Contactors for Semiconductor Industries acc. to SEMI F47, 380 V 400 V: 50 A, 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= 50 A , Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: I_{th}=I_e= 80 A, enclosed: I_{th}= 58 A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: I_{th}= 162 A, enclosed: I_{th}= 145 A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P= 15.5 kW, 380 V 400 V: P= 22 kW, 660 V 690 V: P= 30 kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: P= 6 kW, 380 V 400 V: P= 10 kW, 660 V 690 V: P= 14 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 > Contactors up to 170A**

Additional Product Information

General specifications

Product Name Eaton Moeller® series DILMF contactor for semiconductor industries Catalog Number 104462 Model Code

DILMF50(RAC24) EAN 4015081042791 Product Length/Depth 132.1 mm Product Height 115 mm Product Width 55 mm
Product Weight 1.04 kg Certifications CSA File No.: 012528

UL

UL 60947-4-1

UL File No.: E29096

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

CSA

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

CE

IEC/EN 60947-4-1

UL Category Control No.: NLDX 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 1.86 m Ω ? Suitable for Also motors with efficiency class IE3

SEMI F47, Magnet systems Utilization category AC-1: Non-inductive or slightly inductive loads, resistance furnaces

AC-3: Normal AC induction motors: starting, switch off during running

AC-4: Normal AC induction motors: starting, plugging, reversing, inching 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 Accordin...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILMF50(RAC24) with the required quantity to info@electricaonline.com or use
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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification
requirements against the manufacturer documentation before purchase or installation.