

INDUSTRIAL COMPONENT DATA

DILMF50(RAC120) 104464 Y7-104464 EATON ELECTRIC Contactor, 4p, 160A/AC1

Brand: EATON - MOELLER | Manufacturer Part Number: DILMF50(RAC120)



Manufacturer	EATON - MOELLER
MPN / Reference	DILMF50(RAC120)
Catalog number	Y7-104464
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-A54B75CAB5
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Product Overview

Contactor, 4p, 160A/AC1

DILMF50(RAC120)

Eaton Moeller® series DILMF Contactors for Semiconductor Industries acc. to SEMI F47, 380 V 400 V: 50 A, RAC 120: 100 - 120 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 104464 Model Code

DILMF50(RAC120) EAN 4015081042814 Product Length/Depth 132.1 mm Product Height 115 mm Product Width 55 mm
Product Weight 1.04 kg Certifications UL

CSA File No.: 012528

CE

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

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

UL Category Control No.: NLDX

UL 60947-4-1

IEC/EN 60947-4-1

UL File No.: E29096

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

Fitted with: Built-in suppressor circuit General

Application Contactors for Semiconductor Industries acc. to SEMI F47 Product category Contactors Resistance per pole
1.86 mΩ Suitable for Also motors with efficiency class IE3

SEMI F47, Magnet systems 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 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 70 A Rated operational current (Ie) at AC-3, 220 V, 230 V, 240
V 50 A Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V 50 A Rated operational current (Ie...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILMF50(RAC120) 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

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requirements against the manufacturer documentation before purchase or installation.