

INDUSTRIAL COMPONENT DATA

DILMF8-01(RAC120) 104416 Y7-104416 EATON ELECTRIC Contactor, 4p, 160A/AC1

Brand: EATON - MOELLER | Manufacturer Part Number: DILMF8-01(RAC120)



Manufacturer	EATON - MOELLER
MPN / Reference	DILMF8-01(RAC120)
Catalog number	Y7-104416
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-2DF546A109
Generated	2026-08-06

Product Overview

Contactor, 4p, 160A/AC1

DILMF8-01(RAC120)

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

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 104416 Model Code

DILMF8-01(RAC120) EAN 4015081042333 Product Length/Depth 97 mm Product Height 85 mm Product Width 45 mm
Product Weight 0.531 kg Certifications UL File No.: E29096

UL

CE

UL 60947-4-1

UL Category Control No.: NLDX

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

IEC/EN 60947-4-1

CSA

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

CSA File No.: 012528 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 m Ω 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 (I_e) at AC-1, 380 V, 400 V, 415 V 20 A Rated operational current (I_e) at AC-3, 220 V, 230 V, 240
V 7 A Rated operational current (I_e) at AC-3, 380 V, 400 V,....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILMF8-01(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 Pl #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.