

INDUSTRIAL COMPONENT DATA

DILMF8-10(RAC120) 104412 Y7-104412 EATON ELECTRIC Contactor, 4p, 160A/AC1

Brand: EATON - MOELLER | Manufacturer Part Number: DILMF8-10(RAC120)



Manufacturer	EATON - MOELLER
MPN / Reference	DILMF8-10(RAC120)
Catalog number	Y7-104412
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-9D044AC46E
Generated	2026-08-06

Product Overview

Contactor, 4p, 160A/AC1

DILMF8-10(RAC120)

Eaton Moeller® series DILMF Contactors for Semiconductor Industries acc. to SEMI F47, 380 V 400 V: 7 A, 1 N/O, 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/O = Normally open: 1 N/O, 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 104412 Model Code

DILMF8-10(RAC120) EAN 4015081042296 Product Length/Depth 97 mm Product Height 85 mm Product Width 45 mm
Product Weight 0.531 kg Certifications CE

UL

UL Category Control No.: NLDX

UL File No.: E29096

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

UL 60947-4-1

CSA File No.: 012528

IEC/EN 60947-4-1

CSA

CSA-C22.2 No. 60947-4-1-14 Catalog Notes Also tested according to AC-3e. Product specifications

Electrical connection type for auxiliary- and control-current circuit Screw connection Number Of Poles Three-pole 10.10
Temperature rise The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation
data for the devices. 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must
be observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear
must be observed. 10.13 Mechanical function The device meets the requirements, provided the information in the
instruction leaflet (IL) is observed. 10.2.2 Corrosion resistance Meets the product standard's requirements. 10.2.3.1
Verification of thermal stability of enclosures Meets the product standard's requirements. 10.2.3.2 Verification of resistance
of insulating materials to normal heat Meets the product standard's requirements. 10.2.3.3 Resist. of insul. mat. to
abnorma...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILMF8-10(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.