

INDUSTRIAL COMPONENT DATA

DILMF150(RAC240) 104485 Y7-104485 EATON ELECTRIC Contactor, 3p, 150HP/600VAC, SEMI F47

Brand: EATON - MOELLER | Manufacturer Part Number: DILMF150(RAC240)



Manufacturer	EATON - MOELLER
MPN / Reference	DILMF150(RAC240)
Catalog number	Y7-104485
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-9635123DF7
Generated	2026-08-06

Product Overview

Contactor, 3p, 150HP/600VAC, SEMI F47

DILMF150(RAC240)

Eaton Moeller® series DILMF Contactors for Semiconductor Industries acc. to SEMI F47, 380 V 400 V: 150 A, RAC 240: 190 - 240 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., Description: Contactors suitable for semi-conductor industry according to SEMI F47., Contactors hum-free , suitable for building services automation., Operating mechanism adjustable from 50 Hz to 400 Hz., Number of poles: 3 pole, Rated operational current AC-3 380 V 400 V: I_e = 150 A, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: I_{th} = I_e = 190 A, enclosed: I_{th} = 144 A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: I_{th} = 400 A, enclosed: I_{th} = 360 A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P = 48 kW, 380 V 400 V: P = 75 kW, 660 V 690 V: P...

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 104485 Model Code

DILMF150(RAC240) EAN 4015081043026 Product Length/Depth 160 mm Product Height 170 mm Product Width 90 mm
Product Weight 2.26 kg Certifications IEC/EN 60947-4-1

CE

CSA File No.: 012528

UL 60947-4-1

CSA

UL

UL Category Control No.: NLDX

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

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

UL File No.: E29096 Catalog Notes Also tested according to AC-3e. Features & Functions

Fitted with: Built-in suppressor circuit Number Of Poles Three-pole Operating mode Operating mechanism adjustable from 50 Hz to 400 Hz. General

Application Contactors for Semiconductor Industries acc. to SEMI F47 Product category Contactors Resistance per pole 0.56 m Ω Suitable for SEMI F47, Magnet systems

Also motors with efficiency class IE3 Utilization category AC-4: Normal AC induction motors: starting, plugging, reversing, inching

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

AC-1: Non-inductive or slightly inductive loads, resistance furnaces 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 160 A Rated operational current (Ie) at AC-3, 220 V, 230 V, 240 V 150....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILMF150(RAC240) 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.