

INDUSTRIAL COMPONENT DATA

DILMF115(RAC120) 104480 Y7-104480 EATON ELECTRIC Contactor, 4p, 160A/AC1

Brand: EATON - MOELLER | Manufacturer Part Number: DILMF115(RAC120)



Manufacturer	EATON - MOELLER
MPN / Reference	DILMF115(RAC120)
Catalog number	Y7-104480
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-2B84C40AE1
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Product Overview

Contactor, 4p, 160A/AC1

DILMF115(RAC120)

Eaton Moeller® series DILMF Contactors for Semiconductor Industries acc. to SEMI F47, 380 V 400 V: 115 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: $I_e = 115$ A, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: $I_{th} = I_e = 160$ A, enclosed: $I_{th} = 115$ A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: $I_{th} = 325$ A, enclosed: $I_{th} = 285$ A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P= 37 kW, 380 V 400 V: P= 55 kW, 660 V 690 V: P= 90 kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: P= 17 kW, 380 V 400 V: P= 28 kW, 660 V 690 V: P= 43 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 104480 Model Code

DILMF115(RAC120) EAN 4015081042975 Product Length/Depth 160 mm Product Height 170 mm Product Width 90 mm
Product Weight 2.26 kg Certifications CSA Class No.: 2411-03, 3211-04
IEC/EN 60947-4-1
CSA-C22.2 No. 60947-4-1-14
CSA
UL Category Control No.: NLDX
UL
CSA File No.: 012528
UL 60947-4-1
UL File No.: E29096
CE 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 Product category Contactors Resistance per pole
0.56 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 130 A Rated operational current (Ie) at AC-3, 220 V, 230 V, 240
V 115 A Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V 115 A....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILMF115(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.