

INDUSTRIAL COMPONENT DATA

DILMC115(RDC24) 239741 Y7-239741 EATON ELECTRIC Contactor, 3p, 55kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILMC115(RDC24)



Manufacturer	EATON - MOELLER
MPN / Reference	DILMC115(RDC24)
Catalog number	Y7-239741
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-33A0531166
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Product Overview

Contactor, 3p, 55kW/400V/AC3

DILMC115(RDC24)

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 55 kW, RDC 24: 24 - 27 V DC, DC operation, Spring-loaded terminals DILMC115(RDC24)

Contactor, Application: Contactors for Motors, Contactors up to 170 A, 3 pole, 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: Spring-loaded terminals, Notes:

Also suitable for motors with efficiency class IE3., IE3-ready devices are identified by the logo on their packaging.,

Description: Spring-cage terminals on auxiliary and control circuit terminals, Number of poles: 3 pole, Rated operational current AC-3 380 V 400 V: $I_e = 115\text{ A}$, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: $I_{th} = I_e = 160\text{ A}$, enclosed: $I_{th} = 115\text{ A}$, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: $I_{th} = 325\text{ A}$, enclosed: $I_{th} = 285\text{ A}$, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: $P = 37\text{ kW}$, 380 V 400 V: $P = 55\text{ kW}$, 660 V 690 V: $P = 90\text{ kW}$, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: $P = 17\text{ kW}$, 380 V 400 V: $P = 28\text{ kW}$, 660 V 690 V: $P = 43\text{ kW}$, Can be combined with auxiliary contact:

DILM150-XHIC(V)_, DIL...

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 DILM contactor Catalog Number 239741 Model Code DILMC115(RDC24) EAN 4015082397418 Product Length/Depth 160 mm Product Height 170 mm Product Width 90 mm Product Weight 2.27 kg

Certifications UL Category Control No.: NLDX

IEC/EN 60947

IEC/EN 60947-4-1

CSA

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

VDE 0660

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

UL 60947-4-1

CSA File No.: 012528

UL

CE

UL File No.: E29096 Catalog Notes Contacts according to EN 50012 Features & Functions

Fitted with: Suppressor circuit in actuating electronics Number Of Poles Three-pole General

Application Contactors for Motors Frame size FS4 Lifespan, mechanical 10,000,000 Operations (DC operated) Operating frequency 3600 mechanical Operations/h (DC operated) Overvoltage category III Pollution degree 3 Product category

Contactors Protection Finger and back-of-hand proof, Protection against direct contact when actuated from front (EN 50274) Rated impulse withstand voltage (Uimp) 8000 V AC Residual current 1 mA (with actuation of A1 - A2 by the electronics with "0" signal) Resistance per pole 0.6 m Ω Suitable for 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 DC Ambient conditions, mechanical

Shock resistance 5 g, N/C auxiliary contact, Mechanical,...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILMC115(RDC24) 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

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