

## INDUSTRIAL COMPONENT DATA

# DILM65(RDC240) 277911 Y7-277911 EATON ELECTRIC Contactor, 3p, 30kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILM65(RDC240)



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | DILM65(RDC240)                |
| Catalog number  | Y7-277911                     |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-25A86B055D                 |
| Generated       | 2026-08-03                    |

## Product Overview

Contactor, 3p, 30kW/400V/AC3

DILM65(RDC240)

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 30 kW, RDC 240: 200 - 240 V DC, DC operation, Screw terminals

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: Screw terminals, Notes: Also suitable for motors with efficiency class IE3., IE3-ready devices are identified by the logo on their packaging., Number of poles: 3 pole, Rated operational current AC-3 380 V 400 V: I<sub>e</sub>= 65 A, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: I<sub>th</sub>=I<sub>e</sub>= 98 A, enclosed: I<sub>th</sub>= 72 A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: I<sub>th</sub>= 200 A, enclosed: I<sub>th</sub>= 180 A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P= 20 kW, 380 V 400 V: P= 30 kW, 660 V 690 V: P= 35 kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: P= 7 kW, 380 V 400 V: P= 12 kW, 660 V 690 V: P= 17 kW, Can be combined with auxiliary contact: DILM150-XHI(V)..., DILM1000-XHI(V)..., Instructions: Contacts to EN 50 012., integrated suppressor circuit in actuating electronics, Volt...

## 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 &gt; Contactors up to 170A

## Additional Product Information

### General specifications

Product Name Eaton Moeller® series DILM contactor Catalog Number 277911 Model Code DILM65(RDC240) EAN 4015082779115 Product Length/Depth 132.1 mm Product Height 115 mm Product Width 55 mm Product Weight 1.052 kg

Certifications CSA File No.: 012528

CE

CSA

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

IEC/EN 60947

UL File No.: E29096

VDE 0660

UL

IEC/EN 60947-4-1

UL 60947-4-1

UL Category Control No.: NLDX

CSA-C22.2 No. 60947-4-1-14 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 FS3 Lifespan, mechanical 10,000,000 Operations (DC operated) Operating frequency 5000 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 Resistance per pole 1.9 mΩ Suitable for Also motors with efficiency class IE3 Utilization category AC-3: Normal AC induction motors: starting, switch off during running

AC-4: Normal AC induction motors: starting, plugging, reversing, inching

AC-1: Non-inductive or slightly inductive loads, resistance furnaces Voltage type DC Ambient conditions, mechanical

Shock resistance 7 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms 5 g, N/C auxiliary con...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM65(RDC240) with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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