

## INDUSTRIAL COMPONENT DATA

# DILM185A/22(RDC24) 139540 Y7-139540 EATON ELECTRIC Contactor, 3p+2N/O+2N/C, 90kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILM185A/22(RDC24)



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | DILM185A/22(RDC24)            |
| Catalog number  | Y7-139540                     |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-9DE69F33D4                 |
| Generated       | 2026-08-06                    |

## Product Overview

Contactor, 3p+2N/O+2N/C, 90kW/400V/AC3

DILM185A/22(RDC24)

Eaton Moeller® series DILM Contactor, 380 V 400 V 90 kW, 2 N/O, 2 NC, RDC 24: 24 - 27 V DC, DC operation, Screw connection

Contactor, Application: Contactors for Motors, Standard devices greater than 170 A, 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 connection, Rated operational current AC-3 380 V 400 V:  $I_e = 185$  A, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C:  $I_{th} = I_e = 337$  A, enclosed:  $I_{th} = 245$  A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open:  $I_{th} = 685$  A, enclosed:  $I_{th} = 625$  A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P= 55 kW, 380 V 400 V: P= 90 kW, 660 V 690 V: P= 140 kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: P= 41 kW, 380 V 400 V: P= 75 kW, 660 V 690 V: P= 102 kW, Can be combined with auxiliary contact: DILM1000-XHI..., Contacts N/O = Normally open: 2 N/O, Contacts N/C = Normally closed: 2 NC, Instructions: integrated suppressor circuit in actuating electronics, 660 V, 690 V or 1000 V: not directly reversing, Voltage AC/DC: DC operation

## 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 more than 170 A

## Additional Product Information

### General specifications

Product Name Eaton Moeller® series DILM Contactor Catalog Number 139540 Model Code DILM185A/22(RDC24) EAN 4015081363186 Product Length/Depth 158 mm Product Height 190 mm Product Width 140 mm Product Weight 3.54 kg

Certifications IEC/EN 60947

VDE 0660

CE

UL

UL 60947-4-1

UL File No.: E29096

UL Category Control No.: NLDX

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

CSA File No.: 2389068

IEC/EN 60947-4-1

CSA Class No.: 3211-04

CSA Catalog Notes General

Accessories Fitting options auxiliary contacts: on the side: 2 x DILM1000-XHI(V)11-SI; 2 x DILM1000-XHI11-SA Application Contactors for Motors Connection Screw terminals Degree of protection IP00 Electromagnetic compatibility Designed for operation in industrial environments. Its use in residential environments may cause radio-frequency interference, requiring additional noise suppression. Fitted with: Suppressor circuit in actuating electronics Lifespan, electrical 100,000 Operations (at Condensor operation) Lifespan, mechanical 10,000,000 Operations (DC operated) Operating frequency 3000 mechanical Operations/h (DC operated)

200 Operations/h Overvoltage category III Pollution degree 3 Product category Contactors Protection Finger and back-of-hand proof with terminal shroud or terminal block, Protection against direct contact when actuated from front (EN 50274) Rated impulse withstand voltage (Uimp) 8000 V AC Shock resistance 8 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM185A/22(RDC24) 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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