

**INDUSTRIAL COMPONENT DATA**

# DILM225A/22(RAC48) 139545 Y7-139545 EATON ELECTRIC Contactor, 3p+2N/O+2N/C, 110kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILM225A/22(RAC48)



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | DILM225A/22(RAC48)            |
| Catalog number  | Y7-139545                     |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-B418FD9224                 |
| Generated       | 2026-08-06                    |

## Product Overview

Contactor, 3p+2N/O+2N/C, 110kW/400V/AC3

DILM225A/22(RAC48)

Eaton Moeller® series DILM Contactor, 380 V 400 V 110 kW, 2 N/O, 2 NC, RAC 48: 42 - 48 V 50/60 Hz, AC 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:  $I_e = 225$  A, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C:  $I_{th} = I_e = 386$  A, enclosed:  $I_{th} = 275$  A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open:  $I_{th} = 707$  A, enclosed:  $I_{th} = 636$  A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P= 70 kW, 380 V 400 V: P= 110 kW, 660 V 690 V: P= 150 kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: P= 51 kW, 380 V 400 V: P= 90 kW, 660 V 690 V: P= 110 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: AC 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 > Contactors more than 170 A**

## Additional Product Information

### General specifications

Product Name Eaton Moeller® series DILM Contactor Catalog Number 139545 Model Code DILM225A/22(RAC48) EAN 4015081363230 Product Length/Depth 158 mm Product Height 190 mm Product Width 140 mm Product Weight 3.54 kg

Certifications CSA File No.: 2389068

UL File No.: E29096

VDE 0660

IEC/EN 60947-4-1

UL

CE

IEC/EN 60947

UL Category Control No.: NLDX

UL 60947-4-1

CSA

CSA Class No.: 3211-04

CSA-C22.2 No. 60947-4-1-14 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 (AC operated) Operating frequency 3000 mechanical Operations/h (AC 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 / DILM225A/22(RAC48) 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

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