

## INDUSTRIAL COMPONENT DATA

# DILM25-01(24V50/60HZ) 277168 Y7-277168 EATON ELECTRIC Contactor, 3p+1N/C, 11kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILM25-01(24V50/60HZ)



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | DILM25-01(24V50/60HZ)         |
| Catalog number  | Y7-277168                     |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-BCD99E6DAE                 |
| Generated       | 2026-08-06                    |

## Product Overview

Contactor, 3p+1N/C, 11kW/400V/AC3

DILM25-01(24V50/60HZ)

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 11 kW, 1 NC, 24 V 50/60 Hz, AC 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>= 25 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>= 45 A, enclosed: I<sub>th</sub>= 36 A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: I<sub>th</sub>= 100 A, enclosed: I<sub>th</sub>= 90 A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P= 7.5 kW, 380 V 400 V: P= 11 kW, 660 V 690 V: P= 14 kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: P= 3.5 kW, 380 V 400 V: P= 6 kW, 660 V 690 V: P= 8.5 kW, Can be combined with auxiliary contact: DILA-XHI(V)..., Contacts N/C = Normally closed: 1 NC, Instructions: Contacts to EN 50 012., with mirror contact., Voltage AC/D...

## 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 277168 Model Code DILM25-01(24V50/60HZ) EAN

4015082771683 Product Length/Depth 97 mm Product Height 85 mm Product Width 45 mm Product Weight 0.428 kg

Certifications CSA Certified

UL Listed

IEC 60947-4-1

EN 60947-4-1

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

CSA File No.: 012528

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

UL File No.: E29096

UL

CE

IEC/EN 60947

IEC/EN 60947-4-1

UL 60947-4-1

CSA

VDE 0660

UL Category Control No.: NLDX Catalog Notes Contacts according to EN 50012 Features & Functions

Fitted with: Mirror contact Number Of Poles Three-pole General

Application Contactors for Motors Frame size FS2 Lifespan, mechanical 10,000,000 Operations (AC operated)

7,000,000 Operations (Coil 50/60 Hz) Operating frequency 5000 mechanical Operations/h (AC 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 2.7 m $\Omega$ ? Suitable for Also motors with efficiency class IE3 Type Full voltage reversing small contactor Utilization

category AC-1: Non-inductive or slightly inductive loads, resistance furnaces

AC-3: Normal AC induction motors: starting, switch off during running

AC-4: Normal AC induction motors: starting, plugging, reversing, inching Voltage type AC Ambient conditions, mechanical

Shock resistance 5 g, N/C auxilia...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM25-01(24V50/60HZ) 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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