

## INDUSTRIAL COMPONENT DATA

**DILMC12-01(110VDC) 277567 XTCEC012B01E0 EATON  
ELECTRIC Contactor, 3p+1N/C, 5.5kW/400V/AC3**

Brand: EATON - MOELLER | Manufacturer Part Number: DILMC12-01(110VDC)



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | DILMC12-01(110VDC)            |
| Catalog number  | XTCEC012B01E0                 |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-162605CA94                 |
| Generated       | 2026-08-06                    |

**Product Overview**

Contactor, 3p+1N/C, 5.5kW/400V/AC3

Power Contactor Push-in connection 3 poles + 1 NC 12 A 5.5 kW

Contactor, 3 pole, 380 V 400 V 5.5 kW, 1 NC, 110 V DC, DC operation, Spring-loaded 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: Spring-loaded 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>= 12 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>= 22 A, enclosed: I<sub>th</sub>= 18 A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: I<sub>th</sub>= 50 A, enclosed: I<sub>th</sub>= 45 A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P= 3.5 kW, 380 V 400 V: P= 5.5 kW, 660 V 690 V: P= 6.5 kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: P= 2 kW, 380 V 400 V: P= 3 kW, 660 V 690 V: P= 4.4 kW, Can be combined with auxiliary contact: DILA-XHIC(V)..., Contacts N/C = Normally closed: 1 NC, Instructions: Contacts to EN 50 012., Auxiliar...

## 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 277567 Model Code DILMC12-01(110VDC) EAN 4015082775674 Product Length/Depth 75 mm Product Height 68 mm Product Width 45 mm Product Weight 0.286 kg

**Certifications CE**

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

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

UL

UL File No.: E29096

UL Category Control No.: NLDX

VDE 0660

CSA

CSA File No.: 012528

IEC/EN 60947

IEC/EN 60947-4-1

UL 60947-4-1 Catalog Notes Contacts according to EN 50012 Features &amp; Functions

Fitted with: Mirror contact

Varistor suppressor circuit Number Of Poles Three-pole General

Application Contactors for Motors Frame size FS1 Lifespan, mechanical 10,000,000 Operations (DC operated) Operating frequency 9000 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 4.6 m $\Omega$ ? Suitable for Also motors with efficiency class IE3 Utilization category AC-3: Normal AC induction motors: starting, switch off during running

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

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

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send EATON - MOELLER / DILMC12-01(110VDC) 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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