

INDUSTRIAL COMPONENT DATA

DILMC12-01(24VDC) 277564 EATON ELECTRIC Contactor, 3p+1N/C, 5.5kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILMC12-01(24VDC)



Manufacturer	EATON - MOELLER
MPN / Reference	DILMC12-01(24VDC)
Catalog number	277564
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-454579940D
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, 24 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_e= 12 A, Rated operational current AC-1 Conventional free air thermal current, 3 pole , 50 - 60 Hz Open at 40 °C: I_{th} =I_e= 22 A, enclosed: I_{th}= 18 A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: I_{th}= 50 A, enclosed: I_{th}= 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., Auxiliary...

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

Contactor, 3 pole, 380 V 400 V 5.5 kW, 1 NC, 24 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: $I_e = 12$ A, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: $I_{th} = I_e = 22$ A, enclosed: $I_{th} = 18$ A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: $I_{th} = 50$ A, enclosed: $I_{th} = 45$ 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., Auxiliary current, coil, and main current terminals with spring-cage connection technology., Integrated varistor suppressor circuit., with mirror contact., Voltage AC/DC: DC operation Delivery program Product...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILMC12-01(24VDC) with the required quantity to info@electricaonline.com or use 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.