

## INDUSTRIAL COMPONENT DATA

# DILMP45-01(RDC24) 118916 Y7-118916 EATON ELECTRIC Contactor, 4p+1N/C, 45A/AC1

Brand: EATON - MOELLER | Manufacturer Part Number: DILMP45-01(RDC24)



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | DILMP45-01(RDC24)             |
| Catalog number  | Y7-118916                     |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-3B557A2B43                 |
| Generated       | 2026-08-03                    |

## Product Overview

Contactor, 4p+1N/C, 45A/AC1

DILMP45-01(RDC24)

Eaton Moeller® series DILMP Contactor, 4 pole, 45 A, 1 NC, 24 V DC, DC operation

Contactor, Application: Contactors for 4 pole electric consumers, Contactors up to 200 A, 4 pole, Utilization category: AC-1: Non-inductive or slightly inductive loads, resistance furnaces, NAC-3: Normal AC induction motors: starting, switch off during running, Connection technique: Screw terminals, Number of poles: 4 pole, 380 V 400 V: I<sub>e</sub>= 25 A, 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, Conventional free air thermal current, 1 pole open: I<sub>th</sub> = 117 A, enclosed: I<sub>th</sub> = 105 A, 220 V 230 V: P = 7.5 kW, 380 V 400 V: P = 11 kW, 660 V 690 V: P = 14 kW, Contacts N/C = Normally closed: 1 NC, Instructions: Contacts to EN 50 012., integrated suppressor circuit in actuating electronics, with mirror contact., 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 up to 170A

## Additional Product Information

General specifications

Product Name Eaton Moeller® series DILMP 4-pole contactor Catalog Number 118916 Model Code DILMP45-01(RDC24)

EAN 4015081170432 Product Length/Depth 97 mm Product Height 85 mm Product Width 58 mm Product Weight 0.596 kg

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

IEC/EN 60947-4-1

UL File No.: E29096

CSA File No.: 012528

CE

IEC/EN 60947

VDE 0660

CSA

UL Category Control No.: NLDX

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

UL

UL 60947-4-1 Catalog Notes Also tested according to AC-3e. Features & Functions

Fitted with: Mirror contact

Suppressor circuit in actuating electronics Number Of Poles Four-pole General

Application Contactors for 4 pole electric consumers Lifespan, mechanical 10,000,000 Operations (AC operated)

10,000,000 Operations (DC operated) Operating frequency 5000 mechanical Operations/h (DC operated)

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 Residual current 1 mA (with actuation of A1 - A2 by the electronics with "0" signal) Resistance per pole 2.7 m $\Omega$  Utilization category AC-1: Non-inductive or slightly inductive loads, resistance furnaces

AC-3: Normal AC induction motors: starting, switch off during running Voltage type DC Ambient conditions, mechanical

Shock resistance 5 g, N/C auxiliary contact, Mechanical, according to IEC...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILMP45-01(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

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.