

INDUSTRIAL COMPONENT DATA

**DILM12-01(48VDC) 276881 Y7-276881 EATON ELECTRIC
Contactor, 3p+1N/C, 5.5kW/400V/AC3**

Brand: EATON - MOELLER | Manufacturer Part Number: DILM12-01(48VDC)



Manufacturer	EATON - MOELLER
MPN / Reference	DILM12-01(48VDC)
Catalog number	Y7-276881
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-929F37D0FE
Generated	2026-08-04

Product Overview

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

DILM12-01(48VDC)

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 5.5 kW, 1 NC, 48 V DC, DC operation, Screw terminals

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 276881 Model Code DILM12-01(48VDC) EAN 4015082768812 Product Length/Depth 75 mm Product Height 68 mm Product Width 45 mm Product Weight 0.296 kg

Certifications CE

CSA

UL Category Control No.: NLDX

IEC/EN 60947-4-1

VDE 0660

UL File No.: E29096

UL

IEC/EN 60947

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

CSA File No.: 012528

UL 508

CSA-C22.2 No. 14-05 Catalog Notes Contacts according to EN 50012 Features & 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 Ω Suitable for Also motors with efficiency class IE3 Utilization category AC-3: Normal AC induction motors: starting, switch off during running

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

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

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM12-01(48VDC) 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.