

INDUSTRIAL COMPONENT DATA

**DILM15-01(110V50HZ,120V60HZ) 290090 Y7-290090 EATON
ELECTRIC Power Contactor 3-pole + 1 NC 7.5 kW / 400 V / ..**

Brand: EATON - MOELLER | Manufacturer Part Number: DILM15-01(110V50HZ,120V60HZ)



Manufacturer	EATON - MOELLER
MPN / Reference	DILM15-01(110V50HZ,120V60HZ)
Catalog number	Y7-290090
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-010F2C8E2C
Generated	2026-08-06

Product Overview

Power Contactor; 3-pole + 1 NC; 7.5 kW / 400 V / AC3; 110 V 50HZ, 120 V 60HZ

DILM15-01(110V50HZ,120V60HZ)

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 7.5 kW, 1 NC, 110 V 50 Hz, 120 V 60 Hz, AC operation, Screw terminals DILM15-01(110V50HZ,120V60HZ)

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: Not suitable for motors with efficiency class IE3., Number of poles: 3 pole, Rated operational current AC-3 380 V 400 V: I_e= 15.5 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 = 4 kW, 380 V 400 V: P = 7.5 kW, 660 V 690 V: P = 7 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-XHI(V) .., Contacts N/C = Normally closed: 1 NC, Instructions: Contacts to EN 50 012., with mirror c...

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 290090 Model Code

DILM15-01(110V50HZ,120V60HZ) EAN 4015082900908 Product Length/Depth 75 mm Product Height 68 mm Product Width 45 mm Product Weight 0.24 kg Certifications IEC/EN 60947-4-1

UL File No.: E29096

CE

UL

CSA

IEC/EN 60947

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

UL 60947-4-1

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

VDE 0660

UL Category Control No.: NLDX

CSA File No.: 012528 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 FS1 Lifespan, mechanical 10,000,000 Operations (AC operated) 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 2.5 m Ω Utilization category AC-4: Normal AC induction motors: starting, plugging, reversing, inching

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

AC-1: Non-inductive or slightly inductive loads, resistance furnaces Voltage type AC Ambient conditions, mechanical Shock resistance 3.4 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted, Half-sinusoidal shock 10 ms

10 g, N/O main contact, Mechanical, according to IEC/EN 60068-2-27, H...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM15-01(110V50HZ,120V60HZ) 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 PI #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.