

## INDUSTRIAL COMPONENT DATA

# DILM50(48V50HZ) 277818 Y7-277818 EATON ELECTRIC Contactor, 3p, 22kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILM50(48V50HZ)



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | DILM50(48V50HZ)               |
| Catalog number  | Y7-277818                     |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-F3CEF3650E                 |
| Generated       | 2026-08-05                    |

## Product Overview

Contactor, 3p, 22kW/400V/AC3

DILM50(48V50HZ)

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 22 kW, 48 V 50 Hz, AC 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 &gt; Contactors up to 170A

## Additional Product Information

## General specifications

Product Name Eaton Moeller® series DILM contactor Catalog Number 277818 Model Code DILM50(48V50HZ) EAN 4015082778187 Product Length/Depth 132.1 mm Product Height 115 mm Product Width 55 mm Product Weight 0.872 kg

Compliances CE Marked Certifications IEC 60947-4-1

CSA Std. C22.2 No. 14-05

EN 60947-4-1

UL 508

VDE

IEC/EN 60947

VDE 0660

CE

CSA File No.: 012528

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

CSA

UL File No.: E29096

IEC/EN 60947-4-1

UL Category Control No.: NLDX

CSA-C22.2 No. 14-05

UL Catalog Notes Contacts according to EN 50012 Features & Functions

Number Of Poles Three-pole General

Application Contactors for Motors Frame size FS3 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 1.9 m $\Omega$ ? Suitable for Also motors with efficiency class IE3 Utilization category AC-1: Non-inductive or slightly inductive loads, resistance furnaces

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

AC-4: Normal AC induction motors: starting, plugging, reversing, inching Voltage type AC Ambient conditions, mechanical Shock resistance 5 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted, Half-sinusoidal sho...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM50(48V50HZ) 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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