

## INDUSTRIAL COMPONENT DATA

**DILEEM-10(42V50HZ,48V60HZ) 051612 Y7-51612 EATON  
ELECTRIC Contactor, 3p+1N/O, 3kW/400V/AC3**

Brand: EATON - MOELLER | Manufacturer Part Number: DILEEM-10(42V50HZ,48V60HZ)



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | DILEEM-10(42V50HZ,48V60HZ)    |
| Catalog number  | Y7-51612                      |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-EFF6B635A4                 |
| Generated       | 2026-08-06                    |

**Product Overview**

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

Mini-power Contactor; Connection screw; 3-pole + 1 NO; 7; 3 kW; 400 V; AC-3; 42 V 50 Hz, 48 V 60 Hz

Eaton Moeller® series DILEEM Contactor, 42 V 50 Hz, 48 V 60 Hz, 3 pole, 380 V 400 V, 3 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

Contactor, Application: Mini Contactors for Motors and Resistive Loads, Contactors DILEEM, 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: Also suitable for motors with efficiency class IE3., IE3-ready devices are identified by the logo on their packaging., Description: With auxiliary contact, Number of poles: 3 pole, Rated operational current AC-3 380 V 400 V: I<sub>e</sub>= 6.6 A , Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: I<sub>th</sub> = I<sub>e</sub> = 22 A, enclosed: I<sub>th</sub>= 16 A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: I<sub>th</sub>= 50 A, enclosed: I<sub>th</sub>= 40 A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P= 1.5 kW, 380 V 400 V: P= 3 kW, 660 V 690 V: P= 3 kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: P= 1.1 kW, 380 V 400 V: P= 2.2 kW, 660 V 690 V: P= 2.2 k...

## 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 DILEEM Mini contactor Catalog Number 051612 Model Code

DILEEM-10(42V50HZ,48V60HZ) EAN 4015080516125 Product Length/Depth 52 mm Product Height 58 mm Product Width 45 mm Product Weight 0.17 kg Certifications UL

CSA File No.: 012528

CSA-C22.2 No. 14-05

UL File No.: E29096

UL Category Control No.: NLDX

CSA

IEC/EN 60947-4-1

CSA Class No.: 3211-04

UL 508

VDE 0660

IEC/EN 60947

CE Catalog Notes Also tested according to AC-3e. Features & Functions

Features Positive operating contacts to EN 60947-5-1 appendix L, including auxiliary contact module Fitted with: Auxiliary contact Number Of Poles Three-pole General

Application Mini Contactors for Motors and Resistive Loads Lifespan, mechanical 10,000,000 Operations

7,000,000 Operations (Coil 50/60 Hz)

200,000 Operations (at 240 V, AC-15)

150,000 Operations (at 240 V, DC, L/R = 50 ms: 2 contacts in series 0.5 A) Mounting position As required (except vertical with terminals A1/A2 at the bottom) Operating frequency 9000 mechanical Operations/h 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) 6000 V AC Shock resistance 20 g, N/O auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms 10 g, N/O main contact, Basic unit with auxiliary contac...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILEEM-10(42V50HZ,48V60HZ) 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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