

## INDUSTRIAL COMPONENT DATA

**DILEM4(380V50HZ,440V60HZ) 051805 Y7-51805 EATON  
ELECTRIC Contactor, 4p, 4kW/400V/AC3**

Brand: EATON - MOELLER | Manufacturer Part Number: DILEM4(380V50HZ,440V60HZ)



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | DILEM4(380V50HZ,440V60HZ)     |
| Catalog number  | Y7-51805                      |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-6ECAECB77A                 |
| Generated       | 2026-08-06                    |

**Product Overview**

Contactor, 4p, 4kW/400V/AC3

Mini-Power Contactor 4-Pole Screw Connection 20 A AC-1

Eaton Moeller® series DILEM Contactor, 380 V 50 Hz, 440 V 60 Hz, 4 pole, 380 V 400 V, 4 kW, Screw terminals, AC operation

Contactor, Application: Mini Contactors for Motors and Resistive Loads, DILEM contactors, 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, Number of poles: 4 pole, Rated operational current AC-3 380 V 400 V:  $I_e = 9$  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:  $I_{th} = 16$  A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open:  $I_{th} = 60$  A, enclosed:  $I_{th} = 50$  A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V:  $P = 2.2$  kW, 380 V 400 V:  $P = 4$  kW, 660 V 690 V:  $P = 4$  kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V:  $P = 1.5$  kW, 380 V 400 V:  $P = 3$  kW, 660 V 690 V:  $P = 3$  kW, For use with: ...DILEM, ...DILE, Voltage AC/DC: AC 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 DILEM Mini contactor Catalog Number 051805 Model Code

DILEM4(380V50HZ,440V60HZ) EAN 4015080518051 Product Length/Depth 52 mm Product Height 58 mm Product Width

45 mm Product Weight 0.17 kg Certifications CSA

CSA Class No.: 3211-04

IEC/EN 60947-4-1

UL 508

CSA File No.: 012528

UL File No.: E29096

VDE 0660

CE

UL Category Control No.: NLDX

CSA-C22.2 No. 14-05

IEC/EN 60947

UL 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 Number Of Poles

Four-pole General

Application Mini Contactors for Motors and Resistive Loads Lifespan, mechanical 200,000 Operations (at 240 V, AC-15)

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

20,000,000 Operations

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 10 g, N/O main

contact, Basic unit without 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 contact module, Mechanical, according to I...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILEM4(380V50HZ,440V60HZ) 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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