

## INDUSTRIAL COMPONENT DATA

# DILEM4(230V50/60HZ) 052506 Y7-52506 EATON ELECTRIC Contactor, 4p, 4kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILEM4(230V50/60HZ)



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | DILEM4(230V50/60HZ)           |
| Catalog number  | Y7-52506                      |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-B5C7AEB5F0                 |
| Generated       | 2026-08-05                    |

## Product Overview

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

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

Eaton Moeller® series DILEM Contactor, 230 V 50/60 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 052506 Model Code DILEM4(230V50/60HZ)  
EAN 4015080525066 Product Length/Depth 52 mm Product Height 58 mm Product Width 45 mm Product Weight 0.17 kg  
Certifications CE

IEC/EN 60947-4-1

CSA Class No.: 3211-04

UL 508

CSA File No.: 012528

UL File No.: E29096

UL Category Control No.: NLDX

CSA

IEC/EN 60947

VDE 0660

CSA-C22.2 No. 14-05

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)

150,000 Operations (at 240 V, DC, L/R = 50 ms: 2 contacts in series 0.5 A)

20,000,000 Operations

7,000,000 Operations (Coil 50/60 Hz) 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/C 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 without auxiliary contact module, Mechanical, according to IE...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILEM4(230V50/60HZ) 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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