

## INDUSTRIAL COMPONENT DATA

# DILEEM-10-G(12VDC) 051644 Y7-51644 EATON ELECTRIC Contactor, 3p+1N/O, 3kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILEEM-10-G(12VDC)



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | DILEEM-10-G(12VDC)            |
| Catalog number  | Y7-51644                      |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-2A2C210722                 |
| 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; 12 V DC

Eaton Moeller® series DILEEM Contactor, 12 V DC, 3 pole, 380 V 400 V, 3 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, DC 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>le</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>le</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 kW, For use with: ...DILEM, ...DILE...

## 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 DILEEM Mini contactor Catalog Number 051644 Model Code DILEEM-10-G(12VDC)

EAN 4015080516446 Product Length/Depth 54 mm Product Height 58 mm Product Width 45 mm Product Weight 0.206 kg

Certifications CSA-C22.2 No. 14-05

VDE 0660

CSA

IEC/EN 60947-4-1

CE

IEC/EN 60947

UL Category Control No.: NLDX

CSA Class No.: 3211-04

CSA File No.: 012528

UL File No.: E29096

UL

UL 508 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 20,000,000 Operations

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 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

20 g, N/O auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILEEM-10-G(12VDC) 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

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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