

INDUSTRIAL COMPONENT DATA

**DILEM-10(42V50HZ,48V60HZ) 051782 Y7-51782 EATON
ELECTRIC Contactor, 3p + 1N / O, 4kW / 400V / AC3**

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



Manufacturer	EATON - MOELLER
MPN / Reference	DILEM-10(42V50HZ,48V60HZ)
Catalog number	Y7-51782
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-44A311AD42
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Product Overview

Contactor, 3p + 1N / O, 4kW / 400V / AC3

Mini-Power Contactor Screw Connection 3 Pole + 1 NO 9 A 4

Eaton Moeller® series DILEM Contactor, 42 V 50 Hz, 48 V 60 Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/O = Normally open= 1 N/O, 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, 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_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}= 50 A, enclosed: I_{th}= 40 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, Contacts N...

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 DILEM Mini contactor Catalog Number 051782 Model Code

DILEM-10(42V50HZ,48V60HZ) EAN 4015080517825 Product Length/Depth 52 mm Product Height 58 mm Product Width 45 mm Product Weight 0.17 kg Certifications CSA File No.: 012528

IEC/EN 60947

UL Category Control No.: NLDX

UL 508

CSA-C22.2 No. 14-05

UL File No.: E29096

CE

IEC/EN 60947-4-1

VDE 0660

CSA Class No.: 3211-04

UL

CSA 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 200,000 Operations (at 240 V, AC-15) 7,000,000 Operations (Coil 50/60 Hz)

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

10,000,000 Operations 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 mo...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILEM-10(42V50HZ,48V60HZ) with the required quantity to info@electricaonline.com or use 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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