

INDUSTRIAL COMPONENT DATA

DILEM-10(24V50/60HZ) 021417 Y7-21417 EATON ELECTRIC Contactor, 3p+1N/O, 4kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILEM-10(24V50/60HZ)



Manufacturer	EATON - MOELLER
MPN / Reference	DILEM-10(24V50/60HZ)
Catalog number	Y7-21417
Category	Power contactor, AC switching
Minimum order	1 unit
Document ID	EO-C45CD094F2
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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, 24 V 50/60 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_{le} = 9 A, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: I_{th} = I_{le} = 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/O = Normally open...

STRUCTURED PRODUCT DATA

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Rated control supply voltage AC 50 Hz (EF003978)	24 V
Rated control supply voltage AC 60 Hz (EF003979)	24 V
Rated control supply voltage DC (EF003980)	0 V
Voltage type for actuating (EF008242)	AC
Number of normally closed contacts as main contact (EF001375)	0

CONTINUED

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Number of normally open contacts as main contact (EF001374)	3
Type of electrical connection of main circuit (EF006819)	Screw connection
Operating voltage AC 50 Hz (EF008206)	24 V
Operating voltage AC 60 Hz (EF008207)	24 V
Rated operation current Ie at AC-1, 400 V (EF001393)	22 A
Rated operation current Ie at AC-3, 400 V (EF001392)	9 A
Rated operation power at AC-3, 400 V (EF001364)	4 kW
Rated operation current Ie at AC-4, 400 V (EF008495)	6.6 A
Rated operation power at AC-4, 400 V (EF008496)	3 kW
Rated operation power NEMA (EF011960)	3.7 kW
Number of auxiliary contacts as normally open contact (EF001376)	1
Number of auxiliary contacts as normally closed contact (EF001377)	0
Modular version (EF001126)	No
Width (EF000008)	45 mm
Height (EF000040)	58 mm
Depth (EF000049)	52 mm

Classification & Catalog Path

Catalog path	EATON - MOELLER > Contactors up to 170A
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Additional Product Information

General specifications

Product Name Eaton Moeller® series DILEM Mini contactor Catalog Number 021417 Model Code DILEM-10(24V50/60HZ)

EAN 4015080214175 Product Length/Depth 52 mm Product Height 58 mm Product Width 45 mm Product Weight 0.17 kg

Certifications UL 508

UL Category Control No.: NLDX

CSA File No.: 012528

IEC/EN 60947

UL File No.: E29096

IEC/EN 60947-4-1

CSA Class No.: 3211-04

UL

CE

CSA-C22.2 No. 14-05

VDE 0660

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 10,000,000 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)

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 cate...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILEM-10(24V50/60HZ) with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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