

INDUSTRIAL COMPONENT DATA

DILM17-10(RDC24) 277018 Y7-277018 EATON ELECTRIC Contactor, 3p+1N/O, 7.5kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILM17-10(RDC24)



Manufacturer	EATON - MOELLER
MPN / Reference	DILM17-10(RDC24)
Catalog number	Y7-277018
Category	Power contactor, AC switching
Minimum order	1 unit
Document ID	EO-A7A240F1EA
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Product Overview

Contactor, 3p+1N/O, 7.5kW/400V/AC3

DILM17-10(RDC24)

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 7.5 kW, 1 N/O, RDC 24: 24 - 27 V DC, DC operation, Screw terminals DILM17-10(RDC24)

Contactor, Application: Contactors for Motors, Contactors up to 170 A, 3 pole, 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., Number of poles: 3 pole, Rated operational current AC-3 380 V 400 V: I_e = 18 A, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: I_{th} = I_e = 40 A, enclosed: I_{th} = 32 A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: I_{th} = 88 A, enclosed: I_{th} = 80 A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P = 5 kW, 380 V 400 V: P = 7.5 kW, 660 V 690 V: P = 11 kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: P = 2.5 kW, 380 V 400 V: P = 4.5 kW, 660 V 690 V: P = 6.5 kW, Can be combined with auxiliary contact: DILM32-XHI., DILA-XHI(V)., DILM32-XHI11-S, Contacts N/O = Normally open: 1 N/O, Instructions: Contact...

STRUCTURED PRODUCT DATA

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Rated control supply voltage AC 50 Hz (EF003978)	0 V
Rated control supply voltage AC 60 Hz (EF003979)	0 V
Rated control supply voltage DC (EF003980)	24 V
Voltage type for actuating (EF008242)	DC
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 I _e at AC-1, 400 V (EF001393)	40 A
Rated operation current I _e at AC-3, 400 V (EF001392)	18 A
Rated operation power at AC-3, 400 V (EF001364)	7.5 kW
Rated operation current I _e at AC-4, 400 V (EF008495)	10 A
Rated operation power at AC-4, 400 V (EF008496)	4.5 kW
Rated operation power NEMA (EF011960)	7.4 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)	85 mm
Depth (EF000049)	97 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 DILM contactor

Catalog Number 277018

Model Code DILM17-10(RDC24)

EAN 4015082770181

Product Length/Depth 97 mm

Product Height 85 mm

Product Width 45 mm

Product Weight 0.534 kg

Certifications UL 60947-4-1

UL

CSA-C22.2 No. 60947-4-1-14

VDE 0660

IEC/EN 60947

UL Category Control No.: NLDX

CSA

CSA File No.: 012528

IEC/EN 60947-4-1

CSA Class No.: 2411-03, 3211-04

CE

UL File No.: E29096

Catalog Notes Contacts according to EN 50012

Features & Functions

Fitted with: Suppressor circuit in actuating electronics

Number of poles Three-pole

Number of poles Three-pole

Number of poles Three-pole

General information

Application Contactors for Motors

Connection Screw terminals

Frame size FS2

Lifespan, mechanical 10,000,000 Operations (DC operated)

Operating frequency 5000 mechanical Operations/h (DC operated)

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) 8000 V AC

Resist...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM17-10(RDC24) with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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