

INDUSTRIAL COMPONENT DATA

DILM25-10(RDC24) 277146 Y7-277146 EATON ELECTRIC Contactor, 3p+1N/O, 11kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILM25-10(RDC24)



Manufacturer	EATON - MOELLER
MPN / Reference	DILM25-10(RDC24)
Catalog number	Y7-277146
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-A69091F812
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Product Overview

Contactor, 3p+1N/O, 11kW/400V/AC3

DILM25-10(RDC24)

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 11 kW, 1 N/O, RDC 24: 24 - 27 V DC, DC operation, Screw terminals DILM25-10(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_{le} = 25 A, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: I_{th} = I_{le} = 45 A, enclosed: I_{th} = 36 A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: I_{th} = 100 A, enclosed: I_{th} = 90 A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P = 7.5 kW, 380 V 400 V: P = 11 kW, 660 V 690 V: P = 14 kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: P = 3.5 kW, 380 V 400 V: P = 6 kW, 660 V 690 V: P = 8.5 kW, Can be combined with auxiliary contact: DILM32-XHI., DILA-XHI(V)., DILM32-XHI1-S, Contacts N/O = Normally open: 1 N/O, Instructions: Contacts....

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 DILM contactor

Catalog Number 277146

Model Code DILM25-10(RDC24)

EAN 4015082771461

Product Length/Depth 97 mm

Product Height 85 mm

Product Width 45 mm

Product Weight 0.534 kg

Certifications CSA File No.: 012528

CE

IEC/EN 60947-4-1

CSA

UL Category Control No.: NLDX

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

UL File No.: E29096

IEC/EN 60947

VDE 0660

UL 60947-4-1

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

UL

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

Resistance per pole 2.7 mΩ

Suitable for Also motors with efficiency class IE3

Utilization category AC-3: Normal AC induction motors: starting, switch off during running

AC-1: Non-inductive or slightly inductive loads, resistance furnaces

AC-4: Normal AC induction motors: starting, plugging, reversing, inching

Voltage type DC

Ambient conditions, mechanical

Shock resistance 3.5 g, N/C auxiliary contact, M...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM25-10(RDC24) 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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