

INDUSTRIAL COMPONENT DATA

**DILM12-10(230V50HZ,240V60HZ) 276830 Y7-276830 EATON
ELECTRIC Contactor, 3p + 1N / O, 5.5kW / 400V / AC3**

Brand: EATON - MOELLER | Manufacturer Part Number: DILM12-10(230V50HZ,240V60HZ)



Manufacturer	EATON - MOELLER
MPN / Reference	DILM12-10(230V50HZ,240V60HZ)
Catalog number	Y7-276830
Category	Power contactor, AC switching
Minimum order	1 unit
Document ID	EO-2500CEC7F1
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Product Overview

Contactor, 3p + 1N / O, 5.5kW / 400V / AC3

DILM12-10(230V50HZ,240V60HZ)

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 5.5 kW, 1 N/O, 230 V 50 Hz, 240 V 60 Hz, AC operation, Screw terminals DILM12-10(230V50HZ,240V60HZ)

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} = 12 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} = 18 A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: I_{th} = 50 A, enclosed: I_{th} = 45 A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P = 3.5 kW, 380 V 400 V: P = 5.5 kW, 660 V 690 V: P = 6.5 kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: P = 2 kW, 380 V 400 V: P = 3 kW, 660 V 690 V: P = 4.4 kW, Can be combined with auxiliary contact: DILM32-XHI., DILA-XHI(V)., Contacts N/O = Normally open: 1 N/O, In...

STRUCTURED PRODUCT DATA

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Rated control supply voltage AC 50 Hz (EF003978)	230 V
Rated control supply voltage AC 60 Hz (EF003979)	240 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 I _e at AC-1, 400 V (EF001393)	22 A
Rated operation current I _e at AC-3, 400 V (EF001392)	12 A
Rated operation power at AC-3, 400 V (EF001364)	5.5 kW
Rated operation current I _e at AC-4, 400 V (EF008495)	7 A
Rated operation power at AC-4, 400 V (EF008496)	3 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)	68 mm
Depth (EF000049)	75 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 276830 Model Code
 DILM12-10(230V50HZ,240V60HZ) EAN 4015082768300 Product Length/Depth 75 mm Product Height 68 mm Product
 Width 45 mm Product Weight 0.24 kg Certifications CSA Class No.: 2411-03, 3211-04
 UL 60947-4-1
 IEC/EN 60947-4-1
 CSA-C22.2 No. 60947-4-1-14
 IEC/EN 60947
 UL File No.: E29096
 CE
 CSA File No.: 012528
 UL Category Control No.: NLDX
 CSA
 VDE 0660
 UL Catalog Notes Contacts according to EN 50012 Features & Functions

Number Of Poles Three-pole General

Application Contactors for Motors Frame size FS1 Lifespan, mechanical 10,000,000 Operations (AC operated) Operating frequency 9000 mechanical Operations/h (AC 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 2.5 m Ω Suitable for Also motors with efficiency class IE3 Utilization category AC-4: Normal AC induction motors: starting, pl...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM12-10(230V50HZ,240V60HZ) 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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