

INDUSTRIAL COMPONENT DATA

DILM15-10(220VDC) 290077 Y7-290077 EATON ELECTRIC Power Contactor 3-pole + 1 NO to 7.5 kW / 400 V / AC3 220 ..

Brand: EATON - MOELLER | Manufacturer Part Number: DILM15-10(220VDC)



Manufacturer	EATON - MOELLER
MPN / Reference	DILM15-10(220VDC)
Catalog number	Y7-290077
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-9B05A1483A
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Product Overview

Power Contactor; 3-pole + 1 NO; to 7.5 kW / 400 V / AC3; 220 V DC

DILM15-10(220VDC)

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 7.5 kW, 1 N/O, 220 V DC, DC operation, Screw terminals
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: Not suitable for motors with efficiency class IE3., Number of poles: 3 pole, Rated operational current AC-3 380 V 400 V: I_e= 15.5 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}= 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= 4 kW, 380 V 400 V: P= 7.5 kW, 660 V 690 V: P= 7 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, Instructions: Contacts to EN 50 012., Integrated varistor suppressor circuit., Voltage AC/DC: DC operati...

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 290077 Model Code DILM15-10(220VDC) EAN 4015082900779 Product Length/Depth 75 mm Product Height 68 mm Product Width 45 mm Product Weight 0.296 kg

Certifications VDE 0660

CE

UL 508

CSA

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

CSA File No.: 012528

IEC/EN 60947

IEC/EN 60947-4-1

UL

UL Category Control No.: NLDX

UL File No.: E29096

CSA-C22.2 No. 14-05

VDE Catalog Notes Contacts according to EN 50012 Features & Functions

Fitted with: Varistor suppressor circuit Number Of Poles Three-pole General

Application Contactors for Motors Frame size FS1 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 4.6 m Ω Utilization category AC-3: Normal AC induction motors: starting, switch off during running

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

AC-1: Non-inductive or slightly inductive loads, resistance furnaces Voltage type DC Ambient conditions, mechanical

Shock resistance 5 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms 10 g, N/O main contact, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms

3.4...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM15-10(220VDC) 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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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