

INDUSTRIAL COMPONENT DATA

DILM40(48V50HZ) 277754 Y7-277754 EATON ELECTRIC Contactor, 3p, 18.5kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILM40(48V50HZ)



Manufacturer	EATON - MOELLER
MPN / Reference	DILM40(48V50HZ)
Catalog number	Y7-277754
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-3512BC837F
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Product Overview

Contactor, 3p, 18.5kW/400V/AC3

DILM40(48V50HZ)

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 18.5 kW, 48 V 50 Hz, AC 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: 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: $I_e = 40$ A, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: $I_{th} = I_e = 60$ A, enclosed: $I_{th} = 45$ A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: $I_{th} = 125$ A, enclosed: $I_{th} = 112$ A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: $P = 12.5$ kW, 380 V 400 V: $P = 18.5$ kW, 660 V 690 V: $P = 23$ kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: $P = 5$ kW, 380 V 400 V: $P = 9$ kW, 660 V 690 V: $P = 12$ kW, Can be combined with auxiliary contact: DILM150-XHI(V) .., DILM1000-XHI(V) .., Instructions: Contacts to EN 50 012., Voltage AC/DC: AC operation

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 277754 Model Code DILM40(48V50HZ) EAN

4015082777548 Product Length/Depth 132.1 mm Product Height 115 mm Product Width 55 mm Product Weight 0.872 kg

Compliances CE Marked Certifications UL 508

IEC 60947-4-1

CSA Std. C22.2 No. 14-05

EN 60947-4-1

VDE

CSA File No.: 012528

IEC/EN 60947-4-1

UL Category Control No.: NLDX

CE

CSA-C22.2 No. 14-05

UL File No.: E29096

IEC/EN 60947

VDE 0660

UL

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

CSA Catalog Notes Contacts according to EN 50012 Features & Functions

Number Of Poles Three-pole General

Application Contactors for Motors Frame size FS3 Lifespan, mechanical 10,000,000 Operations (AC operated) Operating

frequency 5000 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 1.9 mΩ Suitable for Also motors with

efficiency class IE3 Utilization category AC-1: Non-inductive or slightly inductive loads, resistance furnaces

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

AC-4: Normal AC induction motors: starting, plugging, reversing, inching Voltage type AC Ambient conditions, mechanical

Shock resistance 10 g, N/O main contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted,

Half-sinusoidal shock 1...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM40(48V50HZ) 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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