

INDUSTRIAL COMPONENT DATA

DILMC40(48V50HZ) 277955 XTCEC040D00Y EATON ELECTRIC Contactor, 3p, 18.5kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILMC40(48V50HZ)



Manufacturer	EATON - MOELLER
MPN / Reference	DILMC40(48V50HZ)
Catalog number	XTCEC040D00Y
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-851EED1AA4
Generated	2026-08-04

Product Overview

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

Power Contactor Push-in connection 3 poles 40 A 18.5 kW 400 V

Contactor, 3 pole, 380 V 400 V 18.5 kW, 48 V 50 Hz, AC operation, Spring-loaded 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: Spring-loaded terminals, Notes: Also suitable for motors with efficiency class IE3., IE3-ready devices are identified by the logo on their packaging.,

Description: Spring-cage terminals on auxiliary and control circuit terminals, Number of poles: 3 pole, Rated operational current AC-3 380 V 400 V: I_{th}=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-XHIC(V)..., DILM100...

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 277955 Model Code DILMC40(48V50HZ) EAN

4015082779559 Product Length/Depth 132.1 mm Product Height 115 mm Product Width 55 mm Product Weight 0.872 kg

Certifications IEC/EN 60947

CSA

UL

VDE 0660

UL 508

UL Category Control No.: NLDX

CSA File No.: 012528

UL File No.: E29096

CE

IEC/EN 60947-4-1

CSA-C22.2 No. 14-05

CSA Class No.: 2411-03, 3211-04 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 m Ω ? 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 7 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted,

Half-sinusoidal shock 10 ms

10 g, N/O main contact, Mechanical, according to IEC/EN 60068-2-27 w...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILMC40(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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.