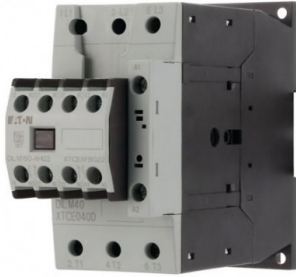


INDUSTRIAL COMPONENT DATA

DILM40-22(230V50/60HZ) 277806 Y7-277806 EATON ELECTRIC Contactor, 3p+2N/O+2N/C, 18.5kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILM40-22(230V50/60HZ)



Manufacturer	EATON - MOELLER
MPN / Reference	DILM40-22(230V50/60HZ)
Catalog number	Y7-277806
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-D41773EAA4
Generated	2026-08-06

Product Overview

Contactor, 3p+2N/O+2N/C, 18.5kW/400V/AC3

DILM40-22(230V50/60HZ)

Eaton Moeller® series DILM Contactor, 380 V 400 V 18.5 kW, 2 N/O, 2 NC, 230 V 50/60 Hz, AC operation, Screw terminals Contactor, Application: Contactors for Motors, Complete devices up to 170 A, 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., 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, Contacts N/O = Normally open: 2 N/O, Contacts N/C = Normally closed: 2 NC, Instructions: Contacts to EN 50 012., with mirror contact., 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 277806 Model Code DILM40-22(230V50/60HZ) EAN 4015082778064 Product Length/Depth 147 mm Product Height 115 mm Product Width 55 mm Product Weight 0.92 kg

Compliances CE Marked Certifications UL 508

EN 60947-4-1

CSA Std. C22.2 No. 14-05

IEC 60947-4-1

VDE

IEC/EN 60947

UL

CSA File No.: 012528

IEC/EN 60947-4-1

UL File No.: E29096

UL Category Control No.: NLDX

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

CSA-C22.2 No. 14-05

VDE 0660

CSA

CE Catalog Notes Contacts according to EN 50012 Product specifications

Electrical connection type for auxiliary- and control-current circuit Screw connection Amperage Rating 40A Number Of Poles Three-pole Voltage rating 230 V 10.10 Temperature rise The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. 10.2.2 Corrosion resistance Meets the product standard's requirements. 10.2.3.1 Verification of thermal stability of enclosures Meets the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materia...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM40-22(230V50/60HZ) 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.