

INDUSTRIAL COMPONENT DATA

**DILM50-22(400V50HZ,440V60HZ) 277864 Y7-277864 EATON
ELECTRIC Contactor, 3p+2N/O+2N/C, 22kW/400V/AC3**

Brand: EATON - MOELLER | Manufacturer Part Number: DILM50-22(400V50HZ,440V60HZ)



Manufacturer	EATON - MOELLER
MPN / Reference	DILM50-22(400V50HZ,440V60HZ)
Catalog number	Y7-277864
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-8A8F77A0A3
Generated	2026-08-06

Product Overview

Contactor, 3p+2N/O+2N/C, 22kW/400V/AC3

DILM50-22(400V50HZ,440V60HZ)

Eaton Moeller® series DILM Contactor, 380 V 400 V 22 kW, 2 N/O, 2 NC, 400 V 50 Hz, 440 V 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 = 50 A, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: I_{th} = I_e = 80 A, enclosed: I_{th} = 58 A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: I_{th} = 162 A, enclosed: I_{th} = 145 A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P = 15.5 kW, 380 V 400 V: P = 22 kW, 660 V 690 V: P = 30 kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: P = 6 kW, 380 V 400 V: P = 10 kW, 660 V 690 V: P = 14 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 277864 Model Code

DILM50-22(400V50HZ,440V60HZ) EAN 4015082778644 Product Length/Depth 147 mm Product Height 115 mm Product Width 55 mm Product Weight 0.922 kg Compliances CE Marked Certifications EN 60947-4-1

IEC 60947-4-1

UL 508

CSA Std. C22.2 No. 14-05

VDE

UL

VDE 0660

CSA

IEC/EN 60947 Catalog Notes Contacts according to EN 50012 Features & Functions

Fitted with: Mirror contact Number Of Poles Three-pole General

Application Contactors for Motors 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-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 AC Ambient conditions, mechanical

Shock resistance 5 g, N/C 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, Half-sinusoidal shock 10 ms

7 g, N/O auxil...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM50-22(400V50HZ,440V60HZ) 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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