

INDUSTRIAL COMPONENT DATA

DILM65(110V50/60HZ) 277900 Y7-277900 EATON ELECTRIC Contactor, 3p, 30kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILM65(110V50/60HZ)



Manufacturer	EATON - MOELLER
MPN / Reference	DILM65(110V50/60HZ)
Catalog number	Y7-277900
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-A8A64ED249
Generated	2026-08-06

Product Overview

Contactor, 3p, 30kW/400V/AC3

DILM65(110V50/60HZ)

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 30 kW, 110 V 50/60 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= 65 A, Rated operational current AC-1 Conventional free air thermal current, 3 pole , 50 - 60 Hz Open at 40 °C: I_{th} =I_e= 98 A, enclosed: I_{th}= 72 A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: I_{th}= 200 A, enclosed: I_{th}= 180 A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P= 20 kW, 380 V 400 V: P= 30 kW, 660 V 690 V: P= 35 kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: P= 7 kW, 380 V 400 V: P= 12 kW, 660 V 690 V: P= 17 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 277900 Model Code DILM65(110V50/60HZ) EAN 4015082779009 Product Length/Depth 132.1 mm Product Height 115 mm Product Width 55 mm Product Weight 0.872 kg

Certifications UL Category Control No.: NLDX

CSA-C22.2 No. 60947-4-1-14

CSA

IEC/EN 60947

CE

IEC/EN 60947-4-1

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

UL

CSA File No.: 012528

UL 60947-4-1

UL File No.: E29096

VDE 0660 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)

7,000,000 Operations (Coil 50/60 Hz) 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-4: Normal AC induction motors:

starting, plugging, reversing, inching

AC-1: Non-inductive or slightly inductive loads, resistance furnaces

AC-3: Normal AC induction motors: starting, switch off during running 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 10 ms

5 g, N/C auxiliary....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM65(110V50/60HZ) 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 Pl #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.