

INDUSTRIAL COMPONENT DATA

**DILM65(230V50HZ,240V60HZ) 277894 Y7-277894 EATON
ELECTRIC 277894 DILM65(230V50HZ,240V60HZ)**

Brand: EATON - MOELLER | Manufacturer Part Number: DILM65(230V50HZ,240V60HZ)



Manufacturer	EATON - MOELLER
MPN / Reference	DILM65(230V50HZ,240V60HZ)
Catalog number	Y7-277894
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-47892C8C12
Generated	2026-08-06

Product Overview

277894 DILM65(230V50HZ,240V60HZ)

DILM65(230V50HZ,240V60HZ)

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 30 kW, 230 V 50 Hz, 240 V 60 Hz, AC operation, Screw terminals DILM65(230V50HZ,240V60HZ)

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_{le} = 65 A, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: I_{th} = I_{le} = 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....

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 277894

Model Code DILM65(230V50HZ,240V60HZ)

EAN 4015082778941

Product Length/Depth 132.1 mm

Product Height 115 mm

Product Width 55 mm

Product Weight 0.872 kg

Compliances CE Marked

Certifications EN 60947-4-1

IEC 60947-4-1

CSA Std. C22.2 No. 14-05

UL 508

CSA File No.: 012528

UL File No.: E29096

VDE 0660

IEC/EN 60947

UL Category Control No.: NLDX

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

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

UL 60947-4-1

CSA

CE

IEC/EN 60947-4-1

UL

Catalog Notes Contacts according to EN 50012

Features & Functions

Number of poles Three-pole

Number of poles Three-pole

Number of poles Three-pole

General information

Application Contactors for Motors

Connection Screw terminals

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

Type Full voltage non-reversing contactor

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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM65(230V50HZ,240V60HZ) 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.