

INDUSTRIAL COMPONENT DATA

DILM65(220V50HZ,240V60HZ) 277893 Y7-277893 EATON ELECTRIC Power Contactor 3 pole 30 kW / 400 V / AC3 220 V 5..

Brand: EATON - MOELLER | Manufacturer Part Number: DILM65(220V50HZ,240V60HZ)



Manufacturer	EATON - MOELLER
MPN / Reference	DILM65(220V50HZ,240V60HZ)
Catalog number	Y7-277893
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-DE147AD5DA
Generated	2026-08-06

Product Overview

Power Contactor; 3 pole; 30 kW / 400 V / AC3; 220 V 50HZ,240 V 60HZ

DILM65(220V50HZ,240V60HZ)

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 30 kW, 220 V 50 Hz, 240 V 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 A...

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 277893 Model Code DILM65(220V50HZ,240V60HZ)
EAN 4015082778934 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 Category Control No.: NLDX

CE

CSA File No.: 012528

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

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

UL

VDE 0660

IEC/EN 60947-4-1

UL 60947-4-1

UL File No.: E29096 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 mΩ Suitable for Also motors with efficiency class IE3 Utilization category AC-1: Non-inductive or slightly inductive loads, resistance furnaces

AC-4: Normal AC induction motors: starting, plugging, reversing, inching

AC-3: Normal AC induction motors: starting, switch off during running Voltage type AC Ambient conditions, mechanical Shock resistance 7 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, 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 / DILM65(220V50HZ,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

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