INDUSTRIAL COMPONENT DATA

DILM80(42V50HZ,48V60HZ) 239394 Y7-239394 EATON ELECTRIC Power Contactor 3-pole 37 kW / 400 V / AC3 42 V, 50H..

Brand: EATON - MOELLER | Manufacturer Part Number: DILM80(42V50HZ,48V60HZ)

Manufacturer	EATON - MOELLER
MPN / Reference	DILM80(42V50HZ,48V60HZ)
Catalog number	Y7-239394
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-407AD6BFF4
Generated	2026-08-06

Product Overview

Power Contactor; 3-pole; 37 kW / 400 V / AC3; 42 V, 50HZ, 48v 60HZ
DILM80(42V50HZ,48V60HZ)
Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 37 kW, 42 V 50 Hz, 48 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: Ie= 80 A, Rated operational current AC-1 Conventional free air thermal current, 3 pole , 50 - 60 Hz Open at 40 °C: Ith =Ie= 110 A, enclosed: Ith= 80 A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: Ith= 225 A, enclosed: Ith= 200 A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P= 25 kW, 380 V 400 V: P= 37 kW, 660 V 690 V: P= 63 kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: P= 11.5 kW, 380 V 400 V: P= 20 kW, 660 V 690 V: P= 26 kW, Can be combined with auxiliary contact: DILM150-XHI(V).., DILM1000-XHI(V).., Instructions: Contacts to EN 50 012., Voltage 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 239394 Model Code DILM80(42V50HZ,48V60HZ) EAN 4015082393946 Product Length/Depth 160 mm Product Height 170 mm Product Width 90 mm Product Weight 2.18 kg Certifications CSA File No.: 012528
IEC/EN 60947-4-1
UL 60947-4-1
CSA Class No.: 2411-03, 3211-04
UL Category Control No.: NLDX
UL File No.: E29096
CE
CSA-C22.2 No. 60947-4-1-14
IEC/EN 60947
UL
CSA
VDE 0660 Catalog Notes Contacts according to EN 50012 Features & Functions
Number Of Poles Three-pole General
Application Contactors for Motors Frame size FS4 Lifespan, mechanical 10,000,000 Operations (AC operated) Operating frequency 3600 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 Residual current 1 mA (with actuation of A1 - A2 by the electronics with "0" signal) Resistance per pole 0.6 m? 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 5 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM80(42V50HZ,48V60HZ) 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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