

INDUSTRIAL COMPONENT DATA

DILM170(RDC60) 107017 Y7-107017 EATON ELECTRIC Contactor, 3p, 90kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILM170(RDC60)



Manufacturer	EATON - MOELLER
MPN / Reference	DILM170(RDC60)
Catalog number	Y7-107017
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-AC841A6F9D
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Product Overview

Contactor, 3p, 90kW/400V/AC3

DILM170(RDC60)

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 90 kW, RDC 60: 48 - 60 V DC, DC 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: Not suitable for motors with efficiency class IE3., Number of poles: 3 pole, Rated operational current AC-3 380 V 400 V: I_e = 170 A, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: I_{th} = I_e = 225 A, enclosed: I_{th} = 166 A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: I_{th} = 460 A, enclosed: I_{th} = 415 A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P = 52 kW, 380 V 400 V: P = 90 kW, 660 V 690 V: P = 96 kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: P = 20 kW, 380 V 400 V: P = 33 kW, 660 V 690 V: P = 48 kW, Can be combined with auxiliary contact: DILM150-XHI(V)..., DILM1000-XHI(V)..., Instructions: Contacts to EN 50 012., integrated suppressor circuit in actuating electronics, Observe electrical lifespan., Voltage AC/DC: DC 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 107017 Model Code DILM170(RDC60) EAN

4015081067855 Product Length/Depth 160 mm Product Height 170 mm Product Width 90 mm Product Weight 2.25 kg

Certifications UL 60947-4-1

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

UL

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

CSA File No.: 012528

IEC/EN 60947

CSA

CE

IEC/EN 60947-4-1

UL Category Control No.: NLDX

VDE 0660

UL File No.: E29096 Catalog Notes Contacts according to EN 50012 Product specifications

Number Of Poles Three-pole 10.10 Temperature rise The panel builder is responsible for the temperature rise calculation.

Eaton will provide heat dissipation data for the devices. 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear must be observed.

10.13 Mechanical function The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. 10.2.2 Corrosion resistance Meets the product standard's requirements. 10.2.3.1 Verification of thermal stability of enclosures Meets the product standard's requirements. 10.2.3.2

Verification of resistance of insulating materials to normal heat Meets the product standard's requirements. 10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects Meets the product standard's requirements. 10.2.4 Resistanc...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM170(RDC60) 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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