

INDUSTRIAL COMPONENT DATA

DILM40(RDC60) 277781 Y7-277781 EATON ELECTRIC Contactor, 3p, 18.5kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILM40(RDC60)



Manufacturer	EATON - MOELLER
MPN / Reference	DILM40(RDC60)
Catalog number	Y7-277781
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-EAA320A855
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Product Overview

Contactor, 3p, 18.5kW/400V/AC3

DILM40(RDC60)

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 18.5 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: 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= 40 A, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: I_{th}=I_e= 60 A, enclosed: I_{th}= 45 A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: I_{th}= 125 A, enclosed: I_{th}= 112 A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P= 12.5 kW, 380 V 400 V: P= 18.5 kW, 660 V 690 V: P= 23 kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: P= 5 kW, 380 V 400 V: P= 9 kW, 660 V 690 V: P= 12 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, V...

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 277781 Model Code DILM40(RDC60) EAN 4015082777814 Product Length/Depth 132.1 mm Product Height 115 mm Product Width 55 mm Product Weight 1.052 kg

Certifications CSA File No.: 012528

IEC/EN 60947-4-1

CSA

IEC/EN 60947

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

UL 60947-4-1

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

UL

CE

VDE 0660

UL File No.: E29096

UL Category Control No.: NLDX 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 Resistance to ultra-violet (UV) radiation Meets the....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM40(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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