

INDUSTRIAL COMPONENT DATA

DILM50(RDC240) 277847 Y7-277847 EATON ELECTRIC Contactor, 3p, 22kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILM50(RDC240)



Manufacturer	EATON - MOELLER
MPN / Reference	DILM50(RDC240)
Catalog number	Y7-277847
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-341EFDF998
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Product Overview

Contactor, 3p, 22kW/400V/AC3

DILM50(RDC240)

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 22 kW, RDC 240: 200 - 240 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= 50 A, Rated operational current AC-1 Conventional free air thermal current, 3 pole , 50 - 60 Hz Open at 40 °C: I_{th} = I_e = 80 A, enclosed: I_{th} = 58 A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: I_{th} = 162 A, enclosed: I_{th} = 145 A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P= 15.5 kW, 380 V 400 V: P= 22 kW, 660 V 690 V: P= 30 kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: P= 6 kW, 380 V 400 V: P= 10 kW, 660 V 690 V: P= 14 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, Vo...

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
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Additional Product Information

General specifications

Product Name Eaton Moeller® series DILM contactor Catalog Number 277847 Model Code DILM50(RDC240) EAN 4015082778477 Product Length/Depth 132.1 mm Product Height 115 mm Product Width 55 mm Product Weight 1.052 kg

Certifications IEC/EN 60947
UL 60947-4-1
CSA-C22.2 No. 60947-4-1-14
VDE 0660
CSA
UL
UL Category Control No.: NLDX
IEC/EN 60947-4-1
CSA Class No.: 2411-03, 3211-04
CE
CSA File No.: 012528
UL File No.: E29096 Catalog Notes Contacts according to EN 50012 Features & Functions

Fitted with: Suppressor circuit in actuating electronics Number Of Poles Three-pole General

Application Contactors for Motors Frame size FS3 Lifespan, mechanical 10,000,000 Operations (DC operated) Operating frequency 5000 mechanical Operations/h (DC 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 DC Ambient conditions, mechanical Shock resistance 5 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms 10 g, N/O main contact...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM50(RDC240) 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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