

INDUSTRIAL COMPONENT DATA

DILM7-01(24VDC) 276600 Y7-276600 EATON ELECTRIC Contactor, 3p+1N/C, 3kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILM7-01(24VDC)



Manufacturer	EATON - MOELLER
MPN / Reference	DILM7-01(24VDC)
Catalog number	Y7-276600
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-BC6A5C3B59
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Product Overview

Contactor, 3p+1N/C, 3kW/400V/AC3

DILM7-01(24VDC)

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 3 kW, 1 NC, 24 V DC, DC operation, Screw terminals DILM7-01(24VDC)

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_{le} = 7 A, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: I_{th} = I_{le} = 22 A, enclosed: I_{th} = 18 A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: I_{th} = 50 A, enclosed: I_{th} = 45 A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P = 2.2 kW, 380 V 400 V: P = 3 kW, 660 V 690 V: P = 3.5 kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: P = 1 kW, 380 V 400 V: P = 2.2 kW, 660 V 690 V: P = 2.9 kW, Can be combined with auxiliary contact: DILA-XHI(V)..., Contacts N/C = Normally closed: 1 NC, Instructions: Contacts to EN 50 012., Integrated varistor suppressor cir...

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 276600 Model Code DILM7-01(24VDC) EAN 4015082766009 Product Length/Depth 75 mm Product Height 68 mm Product Width 45 mm Product Weight 0.296 kg

Certifications CSA

CE

UL

VDE 0660

UL 60947-4-1

UL Category Control No.: NLDX

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

CSA File No.: 012528

IEC/EN 60947

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

IEC/EN 60947-4-1

UL File No.: E29096 Features & Functions

Fitted with: Mirror contact

Varistor suppressor circuit Number Of Poles Three-pole General

Application Contactors for Motors Lifespan, mechanical 10,000,000 Operations (DC operated) Operating frequency 9000 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 4.6 mΩ Suitable for Also motors with efficiency class IE3

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

AC-3: Normal AC induction motors: starting, switch off during running

AC-1: Non-inductive or slightly inductive loads, resistance furnaces Voltage type DC Ambient conditions, mechanical

Shock resistance 5.7 g, N/O main contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted,

Half-sinusoidal shock 10 ms

3.4 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM7-01(24VDC) 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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