

INDUSTRIAL COMPONENT DATA

DILM12-01(*VDC) 276885 EATON ELECTRIC Control relays, 12VDC, 8 DI(2 AI), 4 DO relays, Clock

Brand: EATON - MOELLER | Manufacturer Part Number: DILM12-01(*VDC)



Manufacturer	EATON - MOELLER
MPN / Reference	DILM12-01(*VDC)
Catalog number	276885
Category	Power contactor, AC switching
Minimum order	10 Pcs
Document ID	EO-74D5EE7780
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Product Overview

Control relays, 12VDC, 8 DI(2 AI), 4 DO relays, Clock

Power contactor; Screw connection; 3 poles + 1 NC; 12 A; 5.5 kW; 400 V; AC-3; * V DC

Contactor, 3 pole, 380 V 400 V 5.5 kW, 1 NC, *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= 12 A, Rated operational current AC-1 Conventional free air thermal current, 3 pole , 50 - 60 Hz Open at 40 °C: I_{th} =I_e= 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= 3.5 kW, 380 V 400 V: P= 5.5 kW, 660 V 690 V: P= 6.5 kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: P= 2 kW, 380 V 400 V: P= 3 kW, 660 V 690 V: P= 4.4 kW, Can be combined with auxiliary contact: DILA-XHI(V)..., Contacts N/C = Normally closed: 1 NC, Instructions: Contacts t...

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 276885 Model Code DILM12-01(*VDC) Product Length/Depth 75 mm Product Height 68 mm Product Width 45 mm Product Weight 0.296 kg Certifications VDE 0660

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

CSA

CSA File No.: 012528

UL Category Control No.: NLDX

UL

IEC/EN 60947

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

CE

UL File No.: E29096

IEC/EN 60947-4-1

UL 60947-4-1 Catalog Notes Contacts according to EN 50012 Features & Functions

Fitted with: Mirror contact

Varistor suppressor circuit Number Of Poles Three-pole General

Application Contactors for Motors Frame size FS1 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-1: Non-inductive or slightly inductive loads, resistance furnaces

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

AC-4: Normal AC induction motors: starting, plugging, reversing, inching Voltage type DC Ambient conditions, mechanical

Shock resistance 3.4 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted,

Half-sinusoidal shock 10 ms

7 g, N/O auxiliary c...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM12-01(*VDC) 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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