

## INDUSTRIAL COMPONENT DATA

# DILM9-10(12VDC) 276704 Y7-276704 EATON ELECTRIC

## Electronic control relay, rated operating voltage 12VDC, 8 d..

Brand: EATON - MOELLER | Manufacturer Part Number: DILM9-10(12VDC)



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | DILM9-10(12VDC)               |
| Catalog number  | Y7-276704                     |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-4CD2D2EE54                 |
| Generated       | 2026-08-04                    |

### Product Overview

Electronic control relay, rated operating voltage 12VDC, 8 digital inputs 24VDC, 2 inputs can be used as analog inputs, 4 relay outputs, keyboard, LCD display, time switch, menu also available in Cyrillic  
DILM9-10(12VDC)

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 4 kW, 1 N/O, 12 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<sub>le</sub>= 9 A, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: I<sub>th</sub>=I<sub>le</sub>= 22 A, enclosed: I<sub>th</sub>= 18 A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: I<sub>th</sub>= 50 A, enclosed: I<sub>th</sub>= 45 A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P= 2.5 kW, 380 V 400 V: P= 4 kW, 660 V 690 V: P= 4.5 kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: P= 1.5 kW, 380 V 400 V: P= 2.5 kW, 660 V 690 V: P= 3.6 kW, Can be...

## 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 276704 Model Code DILM9-10(12VDC) EAN 4015082767044 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

IEC/EN 60947-4-1

UL 60947-4-1

CSA

CE

UL File No.: E29096

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

UL

UL Category Control No.: NLDX

IEC/EN 60947

CSA File No.: 012528 Catalog Notes Contacts according to EN 50012 Product specifications

Electrical connection type for auxiliary- and control-current circuit Screw connection 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...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM9-10(12VDC) with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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