

INDUSTRIAL COMPONENT DATA

DILM300A/22(RDC48) 139554 Y7-139554 EATON ELECTRIC Contactor, 3p+2N/O+2N/C, 160kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILM300A/22(RDC48)



Manufacturer	EATON - MOELLER
MPN / Reference	DILM300A/22(RDC48)
Catalog number	Y7-139554
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-63F2380DDD
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Product Overview

Contactor, 3p+2N/O+2N/C, 160kW/400V/AC3

DILM300A/22(RDC48)

Eaton Moeller® series DILM Contactor, 380 V 400 V 160 kW, 2 N/O, 2 NC, RDC 48: 24 - 48 V DC, DC operation, Screw connection

Contactor, Application: Contactors for Motors, Comfort devices greater than 170 A, 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 connection, Rated operational current AC-3 380 V 400 V: I_e= 300 A, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: I_{th}=I_e= 490 A, enclosed: I_{th}= 315 A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: I_{th}= 875 A, enclosed: I_{th}= 785 A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P= 90 kW, 380 V 400 V: P= 160 kW, 660 V 690 V: P= 170 kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: P= 75 kW, 380 V 400 V: P= 132 kW, 660 V 690 V: P= 137 kW, Can be combined with auxiliary contact: DILM820-XHI..., Contacts N/O = Normally open: 2 N/O, Contacts N/C = Normally closed: 2 NC, Instructions: integrated suppressor circuit in actuating electronics, 660 V, 690 V or 1000 V: not directly reversing, Voltage AC/DC: DC operation

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 more than 170 A

Additional Product Information

General specifications

Product Name Eaton Moeller® series DILM Contactor Catalog Number 139554 Model Code DILM300A/22(RDC48) EAN

4015081363322 Product Length/Depth 208 mm Product Height 189 mm Product Width 140 mm Product Weight 7.1 kg

Certifications UL File No.: E29096

IEC/EN 60947-4-1

VDE 0660

UL 60947-4-1

UL Category Control No.: NLDX

CSA Class No.: 3211-04

UL/CSA

CSA File No. 1017510

North America (UL listed, CSA certified)

EN 45545: Fire protection on railway vehicles

IEC 61373: Vibration and shock, tested for category 1 class B

CE marking Catalog Notes Global

Accessories Fitting options auxiliary contacts: on the side: 2 x DILM820-XHI11(V)-SI; 2 x DILM820-XHI11-SA Application
Contactors for Motors Connection Screw terminals Degree of protection IP00 Electromagnetic compatibility Designed for
operation in industrial environments. Its use in residential environments may cause radio-frequency interference, requiring
additional noise suppression. Fitted with: Suppressor circuit in actuating electronics Lifespan, electrical 100,000 Operations
(at Condensor operation) Lifespan, mechanical 10,000,000 Operations (DC operated) Operating frequency 3000
mechanical Operations/h (DC operated)

200 Operations/h Overvoltage category III Pollution degree 3 Product category Contactors Protection Finger and
back-of-hand proof with terminal shroud or terminal block, Protection against direct contact when actuated from front (EN
50274) Rated impulse withstand voltage (Uimp) 8000 V AC Resis...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM300A/22(RDC48) 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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requirements against the manufacturer documentation before purchase or installation.