

INDUSTRIAL COMPONENT DATA

DILM185A/22(RAC500) 139539 Y7-139539 EATON ELECTRIC Contactor, 3p+2N/O+2N/C, 90kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILM185A/22(RAC500)



Manufacturer	EATON - MOELLER
MPN / Reference	DILM185A/22(RAC500)
Catalog number	Y7-139539
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-E9A4219F52
Generated	2026-08-06

Product Overview

Contactor, 3p+2N/O+2N/C, 90kW/400V/AC3

DILM185A/22(RAC500)

Eaton Moeller® series DILM Contactor, 380 V 400 V 90 kW, 2 N/O, 2 NC, RAC 500: 480 - 500 V 50/60 Hz, AC operation, Screw connection

Contactor, Application: Contactors for Motors, Standard 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: $I_e = 185$ A, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: $I_{th} = I_e = 337$ A, enclosed: $I_{th} = 245$ A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: $I_{th} = 685$ A, enclosed: $I_{th} = 625$ A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P= 55 kW, 380 V 400 V: P= 90 kW, 660 V 690 V: P= 140 kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: P= 41 kW, 380 V 400 V: P= 75 kW, 660 V 690 V: P= 102 kW, Can be combined with auxiliary contact: DILM1000-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: AC 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 139539 Model Code DILM185A/22(RAC500) EAN 4015081363179 Product Length/Depth 158 mm Product Height 190 mm Product Width 140 mm Product Weight 3.54 kg

Certifications IEC/EN 60947

UL 60947-4-1

CSA File No.: 2389068

CE

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

IEC/EN 60947-4-1

CSA

UL Category Control No.: NLDX

VDE 0660

UL File No.: E29096

CSA Class No.: 3211-04

UL Catalog Notes Global

Accessories Fitting options auxiliary contacts: on the side: 2 x DILM1000-XHI(V)11-SI; 2 x DILM1000-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 (AC operated) Operating frequency 200 Operations/h

3000 mechanical Operations/h (AC operated) 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 Shock resistance 8 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM185A/22(RAC500) 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.