

INDUSTRIAL COMPONENT DATA

DILM1000/22(RAC500) 271990 Y7-271990 EATON ELECTRIC Contactor, 3p+2N/O+2N/C, 1000A/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILM1000/22(RAC500)



Manufacturer	EATON - MOELLER
MPN / Reference	DILM1000/22(RAC500)
Catalog number	Y7-271990
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-AB36BE80DD
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Product Overview

Contactor, 3p+2N/O+2N/C, 1000A/AC3

DILM1000/22(RAC500)

Eaton Moeller® series DILM Contactor, 380 V 400 V 560 kW, 2 N/O, 2 NC, RAC 500: 250 - 500 V 40 - 60 Hz/250 - 700 V DC, AC and 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: $I_e = 1000$ A, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: $I_{th} = I_e = 1225$ A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: $I_{th} = 2500$ A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: $P = 315$ kW, 380 V 400 V: $P = 560$ kW, 660 V 690 V: $P = 1000$ kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: $P = 260$ kW, 380 V 400 V: $P = 450$ kW, 660 V 690 V: $P = 780$ 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: AC and 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
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Additional Product Information

General specifications

Product Name Eaton Moeller® series DILM Contactor Catalog Number 271990 Model Code DILM1000/22(RAC500) EAN

4015082719906 Product Length/Depth 232 mm Product Height 296 mm Product Width 250 mm Product Weight 17.338 kg

Certifications UL File No.: E29096

UL

UL Category Control No.: NLDX

IEC/EN 60947-4-1

CE

VDE 0660

CSA File No.: 012528

IEC/EN 60947

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

UL 60947-4-1

CSA

CSA Class No.: 3211-04 Catalog Notes Contacts according to EN 50012 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 5,000,000 Operations (AC operated)

5,000,000 Operations (DC operated) Operating frequency 1000 mechanical Operations/h (AC operated)

200 Operations/h

1000 mechanical Operations/h (DC 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 Resistance...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM1000/22(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

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