

INDUSTRIAL COMPONENT DATA

DILM650/22(RAC500) 208220 Y7-208220 EATON ELECTRIC Contactor, 3p+2N/O+2N/C, 355kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILM650/22(RAC500)



Manufacturer	EATON - MOELLER
MPN / Reference	DILM650/22(RAC500)
Catalog number	Y7-208220
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-ECEDBCA407
Generated	2026-08-06

Product Overview

Contactor, 3p+2N/O+2N/C, 355kW/400V/AC3

DILM650/22(RAC500)

Eaton Moeller® series DILM Contactor, 380 V 400 V 355 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 = 650 A, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: I_{th} = I_e = 1041 A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: I_{th} = 2125 A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P = 205 kW, 380 V 400 V: P = 355 kW, 660 V 690 V: P = 630 kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: P = 161 kW, 380 V 400 V: P = 280 kW, 660 V 690 V: P = 494 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 208220 Model Code DILM650/22(RAC500) EAN

4015082082208 Product Length/Depth 232 mm Product Height 296 mm Product Width 250 mm Product Weight 16.209 kg

Certifications CSA Class No.: 3211-04

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

UL

UL File No.: E29096

IEC/EN 60947-4-1

CSA

CE

IEC/EN 60947

UL Category Control No.: NLDX

UL 60947-4-1

CSA File No.: 012528

VDE 0660 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 5,000,000 Operations (DC operated)
5,000,000 Operations (AC 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 500 m Ω (Admissible
transitional...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILM650/22(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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requirements against the manufacturer documentation before purchase or installation.