

INDUSTRIAL COMPONENT DATA

DILMT7(RDC24) 190977 Y7-190977 EATON ELECTRIC Power Contactor close Connection screw 3-pole 7 AC-3 RDC24

Brand: EATON - MOELLER | Manufacturer Part Number: DILMT7(RDC24)



Manufacturer	EATON - MOELLER
MPN / Reference	DILMT7(RDC24)
Catalog number	Y7-190977
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-840A4138DA
Generated	2026-08-05

Product Overview

Power Contactor close; Connection screw; 3-pole; 7; AC-3; RDC24

DILMT7(RDC24)

Eaton Moeller® series DILMT Contactor, 3 pole, 380 V 400 V: 3 kW, 24 V DC, DC operation, Screw terminals
Contactor, Application: Contactors for Motors, Contactors up to 95 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., Number of poles: 3 pole, Rated operational current AC-3 380 V 400 V: $I_e = 7$ A, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: $I_{th} = I_e = 20$ A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: $P = 2.2$ kW, 380 V 400 V: $P = 3$ kW, Can be combined with auxiliary contact: DILT-XHI..., 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 up to 170A

Additional Product Information

General specifications

Product Name Eaton Moeller® series DILMT Contactor Catalog Number 190977 Model Code DILMT7(RDC24) EAN 4015081912001 Product Length/Depth 77.5 mm Product Height 70.1 mm Product Width 27 mm Product Weight 0.175 kg
Certifications EN 60335-1
GB14048

IEC/EN 60947 Catalog Notes Also tested according to AC-3e. Also suitable for motors with efficiency class IE3. Features &

Functions

Fitted with: Varistor suppressor circuit Number Of Poles Three-pole General

Application Contactors for Motors Connection to SmartWire-DT No Degree of protection IP20 Frame size FS1 Lifespan, electrical 1,000,000 Operations (at 400V, AC-3) Lifespan, mechanical 10,000,000 Operations (DC operated) Operating frequency 3600 mechanical Operations/h (DC operated) Overvoltage category III Pollution degree 3 Product category Contactors Rated impulse withstand voltage (Uimp) 6000 V AC Used with DILT-XHI... Utilization category AC-1:

Non-inductive or slightly inductive loads, resistance furnaces

AC-3: Normal AC induction motors: starting, switch off during running

AC-4: Normal AC induction motors: starting, plugging, reversing, inching Voltage type DC Climatic environmental conditions

Ambient operating temperature - min -25 °C Ambient operating temperature - max 55 °C Ambient storage temperature - min

40 °C Ambient storage temperature - max 80 °C Climatic proofing Damp heat, constant, to IEC 60068-2-78

Damp heat, cyclic, to IEC 60068-2-30 Terminal capacities

Terminal capacity (solid) 2 x (0.75....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILMT7(RDC24) 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.