

## INDUSTRIAL COMPONENT DATA

# DILMT80(RDC24) 190986 Y7-190986 EATON ELECTRIC Power Contactor close Connection screw 3-pole 80 A AC-3 RDC24

Brand: EATON - MOELLER | Manufacturer Part Number: DILMT80(RDC24)



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | DILMT80(RDC24)                |
| Catalog number  | Y7-190986                     |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-B3D86114AF                 |
| Generated       | 2026-08-04                    |

## Product Overview

Power Contactor close; Connection screw; 3-pole; 80 A; AC-3; RDC24

DILMT80(RDC24)

Eaton Moeller® series DILMT Contactor, 3 pole, 380 V 400 V: 37 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: Not suitable for motors with efficiency class IE3., Number of poles: 3 pole, Rated operational current AC-3 380 V 400 V:  $I_e = 80$  A, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C:  $I_{th} = I_e = 110$  A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V:  $P = 25$  kW, 380 V 400 V:  $P = 37$  kW, 660 V 690 V:  $P = 37$  kW, Can be combined with auxiliary contact: DILT-XHI01 (10), DILMT95-XHI11-SR, 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 190986 Model Code DILMT80(RDC24) EAN 4015081912094 Product Length/Depth 124.5 mm Product Height 111.5 mm Product Width 72 mm Product Weight 1.26 kg Certifications EN 60335-1

GB14048

IEC/EN 60947 Catalog Notes Not 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 FS4 Lifespan, mechanical 5,000,000 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 DILMT95-XHI11-SR and DILT-XHI01(10) Utilization category AC-1: Non-inductive or slightly inductive loads, resistance furnaces

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 - 2.5) mm<sup>2</sup>

1 x (0.75 - 2.5) mm<sup>2</sup>

1 x (6 - 50) mm<sup>2</sup>, Main cables

2 x (6 - 25) mm<sup>2</sup>, Main cables Terminal capacity (stranded) 1 x (6 - 50)....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILMT80(RDC24) with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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