

INDUSTRIAL COMPONENT DATA

DILEM4-G(48VDC) 012811 Y7-12811 EATON ELECTRIC Contactor, 4p, 4kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: DILEM4-G(48VDC)



Manufacturer	EATON - MOELLER
MPN / Reference	DILEM4-G(48VDC)
Catalog number	Y7-12811
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-7644526283
Generated	2026-08-04

Product Overview

Contactor, 4p, 4kW/400V/AC3

Mini-power Contactor; Connection screw; 4-pole; 20a ; AC-1; 48 V DC

Eaton Moeller® series DILEM Contactor, 48 V DC, 4 pole, 380 V 400 V, 4 kW, Screw terminals, DC operation

Contactor, Application: Mini Contactors for Motors and Resistive Loads, DILEM contactors, 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, Number of poles: 4 pole, Rated operational current AC-3 380 V 400 V: I_e= 9 A, Rated operational current AC-1

Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: I_{th} = I_e = 22 A, enclosed: I_{th} = 16 A , Rated

operational current AC-1 Conventional free air thermal current, 1 pole open: I_{th} = 60 A, enclosed: I_{th} = 50 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= 4 kW, 660 V 690 V: P= 4 kW, Max. rating

for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: P= 1.5 kW, 380 V 400 V: P= 3 kW, 660 V 690 V: P= 3 kW, For use

with: ...DILEM, ...DILE, 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 DILEM Mini contactor Catalog Number 012811 Model Code DILEM4-G(48VDC) EAN

4015080128113 Product Length/Depth 54 mm Product Height 58 mm Product Width 45 mm Product Weight 0.206 kg

Certifications IEC/EN 60947-4-1

UL
CSA-C22.2 No. 14-05
CSA
UL 508
CE
IEC/EN 60947
CSA Class No.: 3211-04
UL File No.: E29096
CSA File No.: 012528
UL Category Control No.: NLDX
VDE 0660 Catalog Notes Also tested according to AC-3e. Features & Functions
Features Positive operating contacts to EN 60947-5-1 appendix L, including auxiliary contact module Number Of Poles
Four-pole General
Application Mini Contactors for Motors and Resistive Loads Lifespan, mechanical 20,000,000 Operations
200,000 Operations (at 240 V, AC-15)
150,000 Operations (at 240 V, DC, L/R = 50 ms: 2 contacts in series 0.5 A) Mounting position As required (except vertical
with terminals A1/A2 at the bottom) Operating frequency 9000 mechanical Operations/h Overvoltage category III Pollution
degree 3 Product category Contactors Protection Finger and back-of-hand proof, Protection against direct contact when
actuated from front (EN 50274) Rated impulse withstand voltage (Uimp) 6000 V AC Shock resistance 20 g, N/C auxiliary
contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms
10 g, N/O main contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27,
Half-sinusoidal shock 10 m...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILEM4-G(48VDC) 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.