

INDUSTRIAL COMPONENT DATA

DILER-31-G(48VDC) 010205 Y7-10205 EATON ELECTRIC

Contactor relay, 3N/O+1N/C, DC current

Brand: EATON - MOELLER | Manufacturer Part Number: DILER-31-G(48VDC)



Manufacturer	EATON - MOELLER
MPN / Reference	DILER-31-G(48VDC)
Catalog number	Y7-10205
Category	Contactor relay
Minimum order	1 Pcs
Document ID	EO-CC9F8B8EF6
Generated	2026-08-03

Product Overview

Contactor relay, 3N/O+1N/C, DC current

Auxiliary Mini-Contactor Screw Connection 3 NO + 1 NC 48 V DC

Eaton Moeller® series DILER Contactor relay, 48 V DC, N/O = Normally open: 3 N/O, N/C = Normally closed: 1 NC, Screw terminals, DC operation

Contactor relay, Product range: DILER Mini-contactors, Application: Contactor relays, Description: with interlocked opposing contacts, Connection technique: Screw terminals, Rated operational current Conventional free air thermal current, 1 pole Open at 50 °C: I_{th} = I_e = 10 A, Rated operational current AC-15 220 V 230 V 240 V: I_e = 6 A, 380 V 400 V 415 V: I_e = 3 A, Contacts N/O = Normally open: 3 N/O, Contacts N/C = Normally closed: 1 NC, Code number and version of combination Distinctive number: 31E, For use with: ...DILE, Actuating voltage: 48 V DC, Voltage AC/DC: DC operation, Degree of Protection: IP20 , Instructions: Contact numbers to EN 50011, Coil terminal markings to EN 50005, Integrated diode-resistor combination, Coil rating 2.6 W, Standards: IEC/EN 60947, EN 60947-5-1, VDE 0660, UL, CSA

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 DILER Control relay Catalog Number 010205 Model Code DILER-31-G(48VDC) EAN 4015080102052 Product Length/Depth 54 mm Product Height 58 mm Product Width 45 mm Product Weight 0.206 kg

Certifications UL File No.: E29184

VDE 0660

CE

IEC/EN 60947

IEC/EN 60947-4-1

CSA-C22.2 No. 14-05

CSA

UL 508

CSA Class No.: 3211-03

CSA File No.: 012528

UL

EN 60947-5-1

UL Category Control No.: NKCR Features & Functions

Features Positive operating contacts to EN 60947-5-1 appendix L, including auxiliary contact module Fitted with: Interlocked opposing contacts General

Application Contactor relays Lifespan, mechanical 20,000,000 Operations (DC operated) Mounting method DIN-rail/screw

Mounting position As required (except vertical with terminals A1/A2 at the bottom) Operating frequency 9000 Operations/h

Overvoltage category III Pollution degree 3 Product category DILER Mini-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 8 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 auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27,

Half-sinusoidal shock 10 ms Voltage type DC Climatic environmental conditions

Ambient operating temperature - min -25 °C Ambient opera...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILER-31-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.