

## INDUSTRIAL COMPONENT DATA

# DILER-31(230V50/60HZ) 052509 Y7-52509 EATON ELECTRIC

## Contacteur relay, 3N/O+1N/C, AC

Brand: EATON - MOELLER | Manufacturer Part Number: DILER-31(230V50/60HZ)



|                 |                       |
|-----------------|-----------------------|
| Manufacturer    | EATON - MOELLER       |
| MPN / Reference | DILER-31(230V50/60HZ) |
| Catalog number  | Y7-52509              |
| Category        | Contacteur relay      |
| Minimum order   | 5 Pcs                 |
| Document ID     | EO-F09D0B3F68         |
| Generated       | 2026-08-06            |

### Product Overview

Contacteur relay, 3N/O+1N/C, AC

Auxiliary Mini-Contactor Screw Connection 3 NO + 1 NC 230 V 50/60 Hz

Eaton Moeller® series DILER Contacteur relay, 230 V 50/60 Hz, N/O = Normally open: 3 N/O, N/C = Normally closed: 1 NC, Screw terminals, AC operation

Contacteur relay, Product range: DILER Mini-contactors, Application: Contacteur 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<sub>th</sub> = I<sub>e</sub> = 10 A, Rated operational current AC-15 220 V 230 V 240 V: I<sub>e</sub> = 6 A, 380 V 400 V 415 V: I<sub>e</sub> = 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: 230 V 50/60 Hz, Voltage AC/DC: AC operation, Degree of Protection: IP20 , Instructions: Contact numbers to EN 50011, Coil terminal markings to EN 50005, 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 052509 Model Code DILER-31(230V50/60HZ)

EAN 4015080525097 Product Length/Depth 51 mm Product Height 58 mm Product Width 45 mm Product Weight 0.17 kg

Certifications UL

CE

IEC/EN 60947-4-1

UL File No.: E29184

UL Category Control No.: NKCR

CSA Class No.: 3211-03

CSA-C22.2 No. 14-05

CSA File No.: 012528

IEC/EN 60947

UL 508

EN 60947-5-1

VDE 0660

CSA 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 10,000,000 Operations (AC 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 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

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 Voltage type AC Climatic environmental conditions

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

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DILER-31(230V50/60HZ) 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

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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