

**INDUSTRIAL COMPONENT DATA**

# ELR 1-SC-230AC/600AC-50 1032927 PHOENIX CONTACT

## Single-phase solid-state contactor, input voltage: 230 V AC,..

Brand: PHOENIX CONTACT | Manufacturer Part Number: ELR 1-SC-230AC/600AC-50



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | PHOENIX CONTACT               |
| MPN / Reference | ELR 1-SC-230AC/600AC-50       |
| Catalog number  | 1032927                       |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-99E2B849A7                 |
| Generated       | 2026-08-01                    |

### Product Overview

Single-phase solid-state contactor, input voltage: 230 V AC, output current: 50 A, zero voltage switch

**STRUCTURED PRODUCT DATA**

### Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

### Classification & Catalog Path

|              |                                     |
|--------------|-------------------------------------|
| Catalog path | PHOENIX CONTACT > Industrial Relays |
|--------------|-------------------------------------|

### Additional Product Information

Key Commercial Data

Orderkey 1032927

Packing unit 1 pc

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GTIN 4055626538105

Weight per Piece (excluding packing) 520.000 g

Custom tariff number 85362010

Country of origin MT (Malta)

Drawings

Ambient conditions

Output data load output

Connection data

Standards and Regulations

Dimensions

Input data

General

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Classifications

Drawings

Block diagram

Back to topDimensions

Width 35 mm

Height 110 mm

Depth 141 mm

Back to topAmbient conditions

Ambient temperature (operation) -30 °C ... 70 °C

Ambient temperature (storage/transport) -40 °C ... 80 °C

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Input name Control input

Rated actuating voltage UC 230 V AC

Triggering voltage range 24 V AC ... 275 V AC

24 V DC ... 190 V DC

Rated actuating current IC approx. 17 mA

Switching threshold  $\leq 5$  V AC/DC ("0" signal)

$\geq 20$  V AC/DC ("1" signal)

Transmission frequency 6 Hz

Operating voltage display Green LED

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Output name Load output

Operating voltage range 42 V AC ... 660 V AC

Load current range 500 mA ... 50 A (see to derating)

Rated operating current at AC-51 50 A

Rated operating current at AC-53a 30 A (TA= 25 °C)

16 A (TA= 40 °C)

Leakage current  $< 3$  mA (In off state)

Residual voltage  $< 1$  V

Surge current 1900 A (t = 10 ms)

Type of protection Varistor

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Mounting position Vertical (horizontal DIN rail)

Assembly instructions Can be aligned with  $\geq 22.5$  mm spacing

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Connection name Control circuits

Connection...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ELR 1-SC-230AC/600AC-50 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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