INDUSTRIAL COMPONENT DATA

# ELR 1-SC-24DC/600AC-50 1032926 PHOENIX CONTACT Single-phase solid-state contactor, input voltage: 24 V DC, o..

**Brand: PHOENIX CONTACT | Manufacturer Part Number: ELR 1-SC-24DC/600AC-50**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | ELR 1-SC-24DC/600AC-50 |
| Catalog number | 1032926 |
| Category | Power contactor, AC switching |
| Minimum order | 1 Pcs |
| Document ID | EO-F27C798531 |
| Generated | 2026-11-18 |

## Product Overview

Single-phase solid-state contactor, input voltage: 24 V DC, output current: 50 A, zero voltage switch
Single-phase semiconductor contactor, input voltage: 24 V DC, 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

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

## Additional Product Information

Key Commercial Data
Orderkey 1032926
Packing unit 1 pc
Catalog page Page 49 (C-5-2019)
GTIN 4055626536897
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
Connection data 2
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
Back to topInput data
Input name Control input
Rated actuating voltage UC 24 V DC
Triggering voltage range 4 V DC ... 32 V DC
Rated actuating current IC approx. 12 mA
Switching threshold <= 1 V DC (“0” signal)
>= 4 V DC (“1” signal)
Transmission frequency 25 Hz
Operating voltage display Green LED
Back to topOutput data load output
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
Back to topGeneral
Mounting position Vertical (horizontal DIN rail)
Assembly instructions Can be aligned with >= 22.5 mm spacing
Back to topConnection data
Connection name Control circuits
Connection method Screw connection
Strip...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ELR 1-SC-24DC/600AC-50 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

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