

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	ELR 1-SC-24DC/600AC-50
Catalog number	1032926
Category	Power contactor, AC switching
Minimum order	1 Pcs
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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

Catalog path **PHOENIX CONTACT > Industrial Relays**

Additional Product Information

Key Commercial Data

Orderkey 1032926

Packing unit 1 pc

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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

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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

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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

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