

**INDUSTRIAL COMPONENT DATA**

# ELR W3- 24DC/500AC- 2 2297293 PHOENIX CONTACT

## Solid-state reversing contactor

Brand: PHOENIX CONTACT | Manufacturer Part Number: ELR W3-24DC/500AC-2



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | PHOENIX CONTACT               |
| MPN / Reference | ELR W3-24DC/500AC-2           |
| Catalog number  | 2297293                       |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-108B8AB0E1                 |
| Generated       | 2026-08-04                    |

### Product Overview

Solid-state reversing contactor

Three-phase semiconductor inverter contactor with 24 V DC input, 2 A output current, zero voltage switch, optionally with thermal fuse

**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 2297293

Packing unit 1 pc

Catalog page Page 40 (C-5-2017)

GTIN 4046356175654

Weight per Piece (excluding packing) 419.800 g

Custom tariff number 85364900

Country of origin DE (Germany)

Width 40 mm

Height 99 mm

Depth 114.5 mm

Ambient temperature (operation) -25 °C ... 70 °C

Ambient temperature (storage/transport) -25 °C ... 70 °C

Degree of protection IP20

Input data

Input name Control input right/left

Rated actuating voltage UC 24 V DC

Triggering voltage range 19.2 V DC ... 30 V DC

Voltage range with reference to UC 0.8 ... 1.25

Rated actuating current IC 12.7 mA

Switching threshold 9.6 V ("0" signal)

19.2 V ("1" signal)

Protective circuit Reverse polarity protection Suppressor diode

Surge protection

Status display Yellow LED

Indication Red LED

Output data load output

Output name AC output

Rated operating voltage Ue 500 V AC

Operating voltage range 48 V AC ... 575 V AC

Load current range 100 mA ... 2 A (see to derating)

Rated operating current at AC-51 2 A

Rated operating current at AC-53a 2 A

Leakage current 6 mA

Residual voltage < 1.5 V

Surge current 200 A (t = 10 ms)

Type of protection RCV circuit

General

Test voltage input/output 5 kVrms

Switching frequency max. 5 Hz

Mounting position Vertical (horizontal DIN rail)

Assembly instructions Can be aligned with spacing = 20 mm

Operating mode 100% operating factor

Reversing frequency <= 10 Hz

Connection name Control circuits

Connection method Screw connection

Stripping length 8 mm

Screw thread M3

Con...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ELR W3-24DC/500AC-2 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

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.