

**INDUSTRIAL COMPONENT DATA**

# ELR W3- 24DC/500AC- 2I 2297031 PHOENIX CONTACT Hybrid motor starter

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



|                 |                                         |
|-----------------|-----------------------------------------|
| Manufacturer    | PHOENIX CONTACT                         |
| MPN / Reference | ELR W3-24DC/500AC-2I                    |
| Catalog number  | 2297031                                 |
| Category        | Motor starter/Motor starter combination |
| Minimum order   | 1 Pcs                                   |
| Document ID     | EO-984209D5F3                           |
| Generated       | 2026-08-04                              |

## Product Overview

Hybrid motor starter

Inver contactor. semicon. three-phase "4 in 1" with 24 V DC input, corr. 2 A output, emergency stop and disconnect function. by envelope. fit.

**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 &gt; INTERFACE Components (IF)

## Additional Product Information

Key Commercial Data

Orderkey 2297031

Packing unit 1 pc

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GTIN 4046356167864

Weight per Piece (excluding packing) 282.700 g

Custom tariff number 85371098

Country of origin DE (Germany)

Width 22.5 mm

Height 106.6 mm

Depth 113.7 mm

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

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

Degree of protection IP20  
Device supply  
Rated control circuit supply voltage US 24 V DC  
Control supply voltage range 19.2 V DC ... 30 V DC  
Rated control supply current IS 40 mA  
Type of protection Surge protection  
Reverse polarity protection  
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  
Rated actuating current IC 5 mA  
Switching threshold 9.6 V ("0" signal)  
19.2 V ("1" signal)  
Switching level < 5 V DC (For EMERGENCY STOP)  
Typical response time < 35 ms  
Typical turn-off time < 40 ms  
Output data load output  
Output name AC output  
Rated operating voltage Ue 500 V AC  
Operating voltage range 42 V AC ... 550 V AC  
Rated operating current Ie 2.4 A (AC-51)  
2.4 A (AC-53a)  
Mains frequency 50/60 Hz  
Load current range 180 mA ... 2.4 A (see to derating)  
Trigger characteristic in acc. with IEC 60947-4-2 Class 10A  
Cooling time 20 min. (for auto reset)  
Leakage current 0 mA  
Residual voltage < 0.3 V  
Surge current 100 A (t = 10 ms)  
Type of protection Surge protection  
Output data reply output  
Output name Acknowledge output  
Note Confirmation:...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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