INDUSTRIAL COMPONENT DATA

# ELR W3- 24DC/500AC- 9I-BR 2900795 PHOENIX CONTACT Hybrid motor starter

**Brand: PHOENIX CONTACT | Manufacturer Part Number: ELR W3-24DC/500AC-9I-BR**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | ELR W3-24DC/500AC-9I-BR |
| Catalog number | 2900795 |
| Category | Motor starter/Motor starter combination |
| Minimum order | 1 Pcs |
| Document ID | EO-D4D8E0FC3C |
| Generated | 2026-11-18 |

## Product Overview

Hybrid motor starter
Hybrid motor starter for reversing motors from 3~AC up to 550V AC, with 24V DC input, 9A output current, adjustable overload disconnect, and limited phase fault detection
Hybrid motor starter for reversing 3~ AC motors up to 550 V AC, with 24 V DC input, 9 A output current, adjustable overload shutdown, and limited phase failure detection

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 > INTERFACE Components (IF) |

## Additional Product Information

Technical dataProduct propertiesProduct type Hybrid motor starters
Product family CONTACTRON
Data management status
Article revision 07
Electrical propertiesNumber of phases 3
Motor starter type Reversing starter
Switching frequency <= 2 Hz (Load-dependent)
Switching frequency <= 2 Hz (Load-dependent)
Maximum power dissipation 14.6 W
Minimum power dissipation 1.1 W
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
Protective circuit Surge protection
Reverse polarity protection
Insulation characteristics
Rated insulation voltage 500 V
Rated surge voltage 6 kV
Overvoltage category III
Degree of pollution 2
Insulation characteristics between the control input and control supply voltage, and auxiliary circuit to the main circuit Safe isolation (IEC 60947-1) at operating voltage <= 300 V AC
Basic insulation (IEC 60947-1) at operating voltage 300 V AC ... 500 V AC
Safe isolation (IEC 60947-1) in the auxiliary circuit <= 300 V AC
Input dataControl
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 (Input type 1)
Switching threshold 9.6 V (“0” signal)
19.2 V (“1” signal)
Typical response time < 35 ms
Typical turn-off time < 40 ms
Protective circuit Reverse polarity protection
Output dataAC output
Rated operating voltage Ue 500 V AC
Operating voltage range 42 V AC ... 550 V AC
Rated operating curre...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ELR W3-24DC/500AC-9I-BR 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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