

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



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-8BA113AC33
Generated	2026-08-05

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

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

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.