

**INDUSTRIAL COMPONENT DATA**

# ELR H3-SC- 24DC/500AC-9 2900530 PHOENIX CONTACT

## Hybrid motor starter

Brand: PHOENIX CONTACT | Manufacturer Part Number: ELR H3-SC-24DC/500AC-9



|                 |                                         |
|-----------------|-----------------------------------------|
| Manufacturer    | PHOENIX CONTACT                         |
| MPN / Reference | ELR H3-SC-24DC/500AC-9                  |
| Catalog number  | 2900530                                 |
| Category        | Motor starter/Motor starter combination |
| Minimum order   | 1 Pcs                                   |
| Document ID     | EO-29A3D2A665                           |
| Generated       | 2026-08-03                              |

### Product Overview

Hybrid motor starter

Hybrid start controller for starting 3~ AC motors up to 500 V AC and 9 A output current, with a control voltage of 24 V DC and screw connection.

**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 2900530

Packing unit 1 pc

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GTIN 4046356526012

Weight per Piece (excluding packing) 159.050 g

Custom tariff number 85371098

Country of origin DE (Germany)

Dimensions

Width 22.5 mm

Height 106.6 mm

Depth 113.7 mm

Ambient conditions

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

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 turn-off time < 30 ms

Type of protection Reverse polarity protection

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 9 A (AC-51)

6.5 A (AC-53a)

Mains frequency 50/60 Hz

Load current range 0 A ... 9 A (see to derating)

Trigger characteristic in acc. with IEC 60947-4-2 -

Leakage current 0 mA

Type of protection Surge protection

General

Switching frequency ≤ 2 Hz (Load-dependent)

Mounting position vertical (horizontal DIN rail, motor output below)

Mounting type DIN rail mounting

Assembly instructions align...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ELR H3-SC-24DC/500AC-9 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

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