INDUSTRIAL COMPONENT DATA

# ELR H3-IES-SC- 24DC/500AC-2 2900567 PHOENIX CONTACT Hybrid motor starter for starting 3~ AC motors up to 500..

**Brand: PHOENIX CONTACT | Manufacturer Part Number: ELR H3-IES-SC-24DC/500AC-2**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | ELR H3-IES-SC-24DC/500AC-2 |
| Catalog number | 2900567 |
| Category | Motor starter/Motor starter combination |
| Minimum order | 1 Pcs |
| Document ID | EO-AD9F8A8E64 |
| Generated | 2026-11-19 |

## Product Overview

Hybrid motor starter for starting 3~ AC motors up to 500 V AC and 2.4 A output current, with 24 V DC control voltage, adjustable overload shutdown and emergency stop function to SIL 3/PL e and, screw connection.
Hybrid start controller for starting 3~ AC motors up to 500 V AC and 2.4 A output current, with a control voltage of 24 V DC, adjustable overload circuit breaker, emergency stop function up to SIL 3/PL e and screw connection.

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

Input data
Input name Device supply
Rated control circuit supply voltage US 24 V DC
Rated control supply current IS 40 mA
Protective circuit Protection against polarity reversal Parallel polarity protection diode
Surge protection
Operating voltage display Green LED
Status display Yellow LED
Indication Red LED
Input name Control input right/left
Rated actuating voltage UC 24 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)
Protective circuit Protection against polarity reversal
Typical turn-off time < 30 ms
Output data load output
Rated operating voltage Ue 500 V AC
Operating voltage range 42 V AC ... 550 V AC
Load current range 180 mA ... 2.4 A (see to derating)
Trigger characteristic in acc. with IEC 60947 Class 10A
Rated operating current at AC-51 2.4 A
Rated operating current at AC-53a 2.4 A
Leakage current 0 mA
Protective circuit Surge protection Varistor
Output data reply output
Note Confirmation: floating change-over contact, signal contact
Contact type 1 PDT
Connection data, control circuit
Connection name Control circuits
Connection method Screw connection
Stripping length 8 mm
Screw thread M3
Conductor cross section solid 0.2 mm² ... 2.5 mm²
Conductor cross section flexible 0.2 mm² ... 2.5 mm²
Conductor cross section AWG 24 ... 14
Torque 0.5 Nm ... 0.6 Nm
General
Switching frequency <= 2 Hz (Load-dependent)
Mounting position vertical (horizontal DIN rail, motor output below)....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ELR H3-IES-SC-24DC/500AC-2 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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