

INDUSTRIAL COMPONENT DATA

ELR H3-IES-SC- 24DC/500AC-0,6 2900566 PHOENIX CONTACT

Hybrid motor starter for starting 3~ AC motors up to 5..

Brand: PHOENIX CONTACT | Manufacturer Part Number: ELR H3-IES-SC-24DC/500AC-0,6



Manufacturer	PHOENIX CONTACT
MPN / Reference	ELR H3-IES-SC-24DC/500AC-0,6
Catalog number	2900566
Category	Motor starter/Motor starter combination
Minimum order	1 Pcs
Document ID	EO-4907F5F4E6
Generated	2026-08-05

Product Overview

Hybrid motor starter for starting 3~ AC motors up to 500 V AC and 0.6 A output current, with 24 V DC control voltage, adjustable overload shutdown and emergency stop function to SIL3 /PL e, and screw connection.

Hybrid start controller for starting 3~ AC motors up to 500 V AC and 0.6 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

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 75 mA ... 600 mA (see to derating)
Trigger characteristic in acc. with IEC 60947 Class 10A
Rated operating current at AC-51 0.6 A
Rated operating current at AC-53a 0.6 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-0,6 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.