

INDUSTRIAL COMPONENT DATA

ELR H5-IES-SC- 24DC/500AC-2 2900414 PHOENIX CONTACT

Hybrid motor starter

Brand: PHOENIX CONTACT | Manufacturer Part Number: ELR H5-IES-SC-24DC/500AC-2



Manufacturer	PHOENIX CONTACT
MPN / Reference	ELR H5-IES-SC-24DC/500AC-2
Catalog number	2900414
Category	Motor starter/Motor starter combination
Minimum order	1 Pcs
Document ID	EO-D14BFF73E9
Generated	2026-08-05

Product Overview

Hybrid motor starter

Hybrid start controller for reversing 3~AC motors up to 500V AC and 2.4A output current, with a control voltage of 24V 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

Key Commercial Data

Orderkey 2900414

Packing unit 1 pc

Catalog page Page 24 (C-5-2017)

GTIN 4046356504058

Weight per Piece (excluding packing) 269.600 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 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)

Switching level < 5 V DC (For EMERGENCY STOP)

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 2.4 A (AC-51)

2.4 A (AC-53a)

Mains frequency 50/60 Hz

Load current range 180 mA ... 2.4 A (see to derating)

Trigger characteristic in acc. with IEC 60947-4-2 Class 10A

Cooling time 20 min. (for auto reset)

Leakage current 0 mA

Type of protection Surge protection

Output data reply output

Output name Acknowledge output

Note Confirma...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ELR H5-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

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.