

INDUSTRIAL COMPONENT DATA

ELR H5-IES-PT- 24DC/500AC-2 2903904 PHOENIX CONTACT

Hybrid motor starter

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	ELR H5-IES-PT-24DC/500AC-2
Catalog number	2903904
Category	Motor starter/Motor starter combination
Minimum order	1 Pcs
Document ID	EO-0A8B7283C1
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Product Overview

Hybrid motor starter

Hybrid start controller for reversing 3~AC motors up to 500V AC and 2.4A output current, with 24V DC control voltage, adjustable overload disconnect, emergency stop function up to SIL 3/PL e and push-in 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)
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Additional Product Information

Technical dataProduct propertiesProduct type Hybrid motor starters

Product family CONTACTRON

Operating mode 100% operating factor

Data management status

Article revision 05

Electrical propertiesNumber of phases 3

Motor starter type Reversing starter

Switching frequency <= 2 Hz (Load-dependent)

Maximum power dissipation for nominal condition 2.2 W

Switching frequency <= 2 Hz (Load-dependent)

Maximum power dissipation 3.3 W

Minimum power dissipation 1.1 W

Coordination type 1

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

Isolation characteristics between the control input and control supply voltage to auxiliary circuit 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)

Switching level $< 5\%$

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ELR H5-IES-PT-24DC/500AC-2 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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