

**INDUSTRIAL COMPONENT DATA**

# ELR H5-IES-PT- 24DC/500AC-9-P 2909554 PHOENIX CONTACT Hybrid motor starter as an alternative to a convention..

Brand: PHOENIX CONTACT | Manufacturer Part Number: ELR H5-IES-PT-24DC/500AC-9-P



|                 |                                         |
|-----------------|-----------------------------------------|
| Manufacturer    | PHOENIX CONTACT                         |
| MPN / Reference | ELR H5-IES-PT-24DC/500AC-9-P            |
| Catalog number  | 2909554                                 |
| Category        | Motor starter/Motor starter combination |
| Minimum order   | 1 Pcs                                   |
| Document ID     | EO-20E215BA49                           |
| Generated       | 2026-08-05                              |

## Product Overview

Hybrid motor starter as an alternative to a conventional reversing contactor. Reverses 3~ AC motors up to 9 A, offers motor protection, ATEX, and emergency stop up to SIL 3. Possible group shut-down, supply, and relay extension via DIN rail connector.

Hybrid motor starter as an alternative to the classic inverter protection circuit. It reverses motors from 3~ AC up to 9 A, offers engine protection, ATEX and emergency stop up to SIL 3. Possibility of group disconnection, power supply and extension of relays by means of rail bus connectors.

**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

Technical dataProduct propertiesProduct type Hybrid motor starters

Product family CONTACTRON

Operating mode 100% operating factor

Data management status

Article revision 03

Electrical propertiesNumber of phases 3

Motor starter type Reversing starter

Switching frequency &lt;= 2 Hz (Load-dependent)

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Maximum power dissipation 7 W

Minimum power dissipation 0.88 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 60 mA

Protective circuit Surge protection

Reverse polarity protection; Parallel polarity protection diode

Insulation characteristics

Rated insulation voltage 550 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)

Isolation characteristics between the control input and control supply voltage to auxiliary circuit Safe isolation (IEC 60947-1) in the auxiliary circuit  $\leq 300$  V AC

Emergency tripping

Operate threshold  $> 60$  A

Response time  $< 0.5$  s

Input dataControl

Input name Control input: right/left and enable input

Note The enable input is compatible with signals with blanking (semiconductor output signals with test pulse with max. 3 ms duration),

unblanking pulses of max. 4 ms are tolerated without adversely affecting the safety function.

Rated actuating volt...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ELR H5-IES-PT-24DC/500AC-9-P 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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