

INDUSTRIAL COMPONENT DATA

ELR H3-IES-PT- 24DC/500AC-9-P 2909555 PHOENIX CONTACT

Hybrid motor starter as an alternative to a convention..

Brand: PHOENIX CONTACT | Manufacturer Part Number: ELR H3-IES-PT-24DC/500AC-9-P



Manufacturer	PHOENIX CONTACT
MPN / Reference	ELR H3-IES-PT-24DC/500AC-9-P
Catalog number	2909555
Category	Motor starter/Motor starter combination
Minimum order	1 Pcs
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Product Overview

Hybrid motor starter as an alternative to a conventional contactor circuit. Starts 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 protection circuit. It starts engines 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 Direct starter

Switching frequency <= 2 Hz (Load-dependent)

Switching frequency <= 2 Hz (Load-dependent)

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 ≤ 300 V AC

Emergency tripping

Operate threshold > 60 A

Response time < 0.5 s

Input dataControl

Input name Control input 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 voltage UC 24 V DC....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ELR H3-IES-PT-24DC/500AC-9-P with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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