INDUSTRIAL COMPONENT DATA

ELR H3-I-SC- 24DC/500AC-0,6 2900542 PHOENIX CONTACT Hybrid motor starter

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	ELR H3-I-SC-24DC/500AC-0,6
Catalog number	2900542
Category	Motor starter/Motor starter combination
Minimum order	1 Pcs
Document ID	EO-8E264F4033
Generated	2026-11-18

Product Overview

Hybrid motor starter
Hybrid start controller for starting 3~ AC motors up to 500V AC and 0.6A output current, with a control voltage of 24V DC, adjustable overload circuit breaker and screw connection.
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 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

Technical dataProduct propertiesProduct type Hybrid motor starters
Product family CONTACTRON
Operating mode 100% operating factor
Data management status
Article revision 10
Electrical propertiesNumber of phases 3
Motor starter type Direct starter
Switching frequency <= 2 Hz (Load-dependent)
Maximum power dissipation for nominal condition 1.5 W
Switching frequency <= 2 Hz (Load-dependent)
Maximum power dissipation 1.5 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 (e.g., 230/400 V AC, 277/480 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
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)...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ELR H3-I-SC-24DC/500AC-0,6 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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.