INDUSTRIAL COMPONENT DATA

ELR H3-I-SC- 24DC/500AC-2 2900543 PHOENIX CONTACT Hybrid motor starter

Brand: PHOENIX CONTACT | Manufacturer Part Number: ELR H3-I-SC-24DC/500AC-2



Manufacturer	PHOENIX CONTACT
MPN / Reference	ELR H3-I-SC-24DC/500AC-2
Catalog number	2900543
Category	Motor starter/Motor starter combination
Minimum order	1 Pcs
Document ID	EO-D8898B6BB5
Generated	2026-11-19

Product Overview

Hybrid motor starter
Hybrid start controller for starting 3~ AC motors up to 500 V AC and 2.4 A output current, with a control voltage of 24 V DC, adjustable overload circuit breaker and screw connection.
Hybrid motor starter for starting three-phase AC motors up to 500 V AC and 2.4 A output current, with 24 V DC control voltage, adjustable overload cut-off and screwed 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 2900543
Packing unit 1 pc
Catalog page Page 31 (C-5-2017)
GTIN 4046356527682
Weight per Piece (excluding packing) 217.180 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
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)
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 Confirmation: floating change-over contact, signal contact
Contac...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ELR H3-I-SC-24DC/500AC-2 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.