INDUSTRIAL COMPONENT DATA

ELR H3-IS-PT- 24DC/500AC-3-P 2909570 PHOENIX CONTACT Hybrid motor starter as an alternative to a conventiona..

Brand: PHOENIX CONTACT | Manufacturer Part Number: ELR H3-IS-PT-24DC/500AC-3-P



Manufacturer	PHOENIX CONTACT
MPN / Reference	ELR H3-IS-PT-24DC/500AC-3-P
Catalog number	2909570
Category	Motor starter/Motor starter combination
Minimum order	1 Pcs
Document ID	EO-75E52CBF09
Generated	2026-11-19

Product Overview

Hybrid motor starter as an alternative to a conventional protective circuit. Starts 3~ AC motors up to 3 A, offers motor protection and emergency stop up to SIL 3/PL e. 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 3 A, offers engine protection and emergency stop up to SIL 3 / PL e. 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

Key Commercial Data
Orderkey 2909570
Packing unit 1 pc
Catalog page Page 33 (C-5-2019)
GTIN 4055626426273
Weight per Piece (excluding packing) 300.000 g
Custom tariff number 85371098
Country of origin DE (Germany)
Drawings
Ambient conditions

Input data
Output data reply output
General
Connection data 2
Standards and Regulations
UL data
Classifications
Dimensions
Device supply
Output data load output
Overspeed tripping
Connection data
Insulation characteristics
Conformance/approvals
Environmental Product Compliance
Drawings
Block diagram
Back to topDimensions
Width 22.5 mm
Height 107.5 mm
Depth 114 mm
Back to topAmbient conditions
Ambient temperature (operation) -25 °C ... 70 °C (observe derating)
Ambient temperature (storage/transport) -40 °C ... 80 °C
Maximum altitude <= 2000 m
Degree of protection IP20
Back to topDevice 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
Type of protection Surge protection
Reverse polarity protection
Back to topInput data
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
Triggering voltage range 19.2 V DC ... 30 V DC
Rated actuating current IC 7 mA
Switching threshold 9.6 V (“0” signal)
19.2 V (“1”....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ELR H3-IS-PT-24DC/500AC-3-P with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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.