INDUSTRIAL COMPONENT DATA

ELR H5-IES-SC-230AC/500AC-2 2900420 PHOENIX CONTACT Hybrid motor starter for reversing 3~ AC motors up to 50..

Brand: PHOENIX CONTACT | Manufacturer Part Number: ELR H5-IES-SC-230AC/500AC-2



Manufacturer	PHOENIX CONTACT
MPN / Reference	ELR H5-IES-SC-230AC/500AC-2
Catalog number	2900420
Category	Motor starter/Motor starter combination
Minimum order	1 Pcs
Document ID	EO-0CDD79201E
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Product Overview

Hybrid motor starter for reversing 3~ AC motors up to 500 V AC and 2.4 A output current, with 230 V AC control voltage, adjustable overload shutdown and emergency stop function to SIL 3/PL e
Hybrid start controller for reversing 3~ AC motors up to 500 V AC and 2.4 A output current, with control voltage of 230 V AC, adjustable overload disconnect and emergency stop function up to SIL 3 / PL e

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

Input data
Input name Device supply
Rated control circuit supply voltage US 230 V AC (50/60 Hz)
Rated control supply current IS 4 mA
Protective circuit Surge protection
Operating voltage display Green LED
Status display Yellow LED
Indication Red LED
Input name Control input right/left
Rated actuating voltage UC 230 V AC
Rated actuating current IC 7 mA
Switching threshold 44 V AC (“0” signal)

85 V AC (“1” signal)
Switching level < 5 V AC (For EMERGENCY STOP)
Typical turn-off time < 70 ms
Output data load output
Rated operating voltage Ue 500 V AC
Operating voltage range 42 V AC ... 550 V AC
Load current range 180 mA ... 2.4 A (see to derating)
Trigger characteristic in acc. with IEC 60947 Class 10A
Rated operating current at AC-51 2.4 A
Rated operating current at AC-53a 2.4 A
Leakage current 0 mA
Protective circuit Surge protection
Output data reply output
Note Confirmation: floating change-over contact, signal contact
Contact type 1 PDT
Connection data, control circuit
Connection name Control circuits
Connection method Screw connection
Stripping length 8 mm
Screw thread M3
Conductor cross section solid 0.2 mm² ... 2.5 mm²
Conductor cross section flexible 0.2 mm² ... 2.5 mm²
Conductor cross section AWG 24 ... 14
Torque 0.5 Nm ... 0.6 Nm
General
Switching frequency <= 2 Hz (Load-dependent)
Mounting position vertical (horizontal DIN rail, motor output below)
Assembly instructions alignable, for spacing see derating
Operating mode 100% operating factor
Designation Standards/regul...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ELR H5-IES-SC-230AC/500AC-2 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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