

INDUSTRIAL COMPONENT DATA

ELR W3-230AC/500AC- 2I 2297044 PHOENIX CONTACT Hybrid motor starter

Brand: PHOENIX CONTACT | Manufacturer Part Number: ELR W3-230AC/500AC-2I



Manufacturer	PHOENIX CONTACT
MPN / Reference	ELR W3-230AC/500AC-2I
Catalog number	2297044
Category	Motor starter/Motor starter combination
Minimum order	1 Pcs
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Product Overview

Hybrid motor starter

Inver contactor. semicon. three-phase "4 in 1" with input 230 V AC, current output 2 A, func. emergency stop and disconnect. by envelope. fit.

Hybrid motor starter motor for reversing three-phase AC motors of up to 500 V AC with 2 A output current, 230 V AC control voltage, adjustable overload cut-off, emergency stop function up to SIL 3/PL e 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 2297044

Packing unit 1 pc

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GTIN 4046356170574

Weight per Piece (excluding packing) 280.100 g

Custom tariff number 85371098

Country of origin DE (Germany)

Width 22.5 mm

Height 106.6 mm

Depth 113.7 mm

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 230 V AC

Control supply voltage range 92 V AC ... 253 V AC

Rated control supply current IS 4 mA

Mains frequency 40/100 Hz

Type of protection Surge protection

Input data

Input name Control input right/left

Rated actuating voltage UC 230 V AC

Triggering voltage range 92 V AC ... 253 V AC

Rated actuating current IC 7 mA

Switching threshold 44 V AC ("0" signal)

85 V AC ("1" signal)

Switching level < 5 V DC (For EMERGENCY STOP)

Typical response time < 35 ms

Typical turn-off time < 80 ms

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

Residual voltage < 0.3 V

Surge current 100 A (t = 10 ms)

Type of protection Surge protection

Output data reply output

Output name Acknowledge output

Note Confirmation:...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ELR W3-230AC/500AC-2I with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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