

INDUSTRIAL COMPONENT DATA

ELR W3- 24DC/500AC- 9I 2297057 PHOENIX CONTACT Hybrid motor starter

Brand: PHOENIX CONTACT | Manufacturer Part Number: ELR W3-24DC/500AC-9I



Manufacturer	PHOENIX CONTACT
MPN / Reference	ELR W3-24DC/500AC-9I
Catalog number	2297057
Category	Motor starter/Motor starter combination
Minimum order	1 Pcs
Document ID	EO-3ECF1457C2
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Product Overview

Hybrid motor starter

Inver contactor. semicon. three-phase "4 in 1" with 24 V DC input, corr. Exit 9 A, func. emergency stop and disconnect. by envelope. fit.

Solid state relay for reversing motors from 3~ AC up to 500 V AC and output current 9 A, control voltage 24 V DC, settable overload cut-off, emergency stop function up to SIL 3 / PL e 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

Key Commercial Data

Orderkey 2297057

Packing unit 1 pc

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GTIN 4046356170581

Weight per Piece (excluding packing) 288.100 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 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 right/left

Rated actuating voltage UC 24 V DC

Triggering voltage range 19.2 V DC ... 30 V DC

Rated actuating current IC 5 mA

Switching threshold 9.6 V ("0" signal)

19.2 V ("1" signal)

Switching level < 5 V DC (For EMERGENCY STOP)

Typical response time < 35 ms

Typical turn-off time < 40 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 9 A (AC-51)

6.5 A (AC-53a)

Mains frequency 50/60 Hz

Load current range 1.5 A ... 9 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 < 0.5 V

Surge current 100 A (t = 10 ms)

Type of protection Surge protection

Output data reply output

Output name Acknowledge output

Note Confirmation: floa...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ELR W3-24DC/500AC-9I with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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