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-40AB9F3DD6
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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
Catalog page Page 19 (C-7-2013)
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

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

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