

INDUSTRIAL COMPONENT DATA

ELR W2+1- 24DC/500AC-37 2297374 PHOENIX CONTACT

Solid-state reversing contactor

Brand: PHOENIX CONTACT | Manufacturer Part Number: ELR W2+1-24DC/500AC-37



Manufacturer	PHOENIX CONTACT
MPN / Reference	ELR W2+1-24DC/500AC-37
Catalog number	2297374
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-7EFC705BAE
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Product Overview

Solid-state reversing contactor

Three-phase semiconductor inverter contactor with 24 V DC input, 37 A output current, zero voltage switch, optionally with thermal fuse

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 > Industrial Relays
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Additional Product Information

Key Commercial Data

Orderkey 2297374

Packing unit 1 pc

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GTIN 4046356175739

Weight per Piece (excluding packing) 1,791.000 g

Custom tariff number 85364190

Country of origin DE (Germany)

Width 147.5 mm

Height 99 mm

Depth 114.5 mm

Ambient temperature (operation) -25 °C ... 70 °C

Ambient temperature (storage/transport) -25 °C ... 70 °C

Degree of protection IP20

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

Voltage range with reference to UC 0.8 ... 1.25

Rated actuating current IC 12.7 mA

Switching threshold 9.6 V ("0" signal)

19.2 V ("1" signal)

Protective circuit Reverse polarity protection Suppressor diode

Surge protection

Status display Yellow LED

Indication Red LED

Output data load output

Output name AC output

Rated operating voltage Ue 500 V AC

Operating voltage range 48 V AC ... 575 V AC

Load current range 200 mA ... 37 A (see to derating)

Rated operating current at AC-51 37 A

Rated operating current at AC-53a 25 A

Leakage current 6 mA

Residual voltage < 1.5 V

Surge current 1300 A (t = 10 ms)

Type of protection RCV circuit

General

Test voltage input/output 5 kVrms

Switching frequency max. 5 Hz

Mounting position Vertical (horizontal DIN rail)

Assembly instructions Can be aligned with spacing = 40 mm

Operating mode 100% operating factor

Reversing frequency <= 10 Hz

Connection name Control circuits

Connection method Screw connection

Stripping length 8 mm

Screw thre...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ELR W2+1-24DC/500AC-37 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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