

INDUSTRIAL COMPONENT DATA

ELR W3- 24DC/500AC- 2 2297293 PHOENIX CONTACT

Solid-state reversing contactor

Brand: PHOENIX CONTACT | Manufacturer Part Number: ELR W3-24DC/500AC-2



Manufacturer	PHOENIX CONTACT
MPN / Reference	ELR W3-24DC/500AC-2
Catalog number	2297293
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-108B8AB0E1
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Product Overview

Solid-state reversing contactor

Three-phase semiconductor inverter contactor with 24 V DC input, 2 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**

Additional Product Information

Key Commercial Data

Orderkey 2297293

Packing unit 1 pc

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GTIN 4046356175654

Weight per Piece (excluding packing) 419.800 g

Custom tariff number 85364900

Country of origin DE (Germany)

Width 40 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 100 mA ... 2 A (see to derating)

Rated operating current at AC-51 2 A

Rated operating current at AC-53a 2 A

Leakage current 6 mA

Residual voltage < 1.5 V

Surge current 200 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 = 20 mm

Operating mode 100% operating factor

Reversing frequency <= 10 Hz

Connection name Control circuits

Connection method Screw connection

Stripping length 8 mm

Screw thread M3

Con...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ELR W3-24DC/500AC-2 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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