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-A446B3E0B3
Generated	2026-11-19

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
Catalog page Page 40 (C-5-2017)
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

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.