

INDUSTRIAL COMPONENT DATA

ELR W1/ 6-24DC 2982090 PHOENIX CONTACT Reversing load relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: ELR W1/ 6-24DC



Manufacturer	PHOENIX CONTACT
MPN / Reference	ELR W1/ 6-24DC
Catalog number	2982090
Category	Solid state relay
Minimum order	1 Pcs
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Product Overview

Reversing load relay

Electronic reversing load relay for DC motor activation, with light indication and protection circuit, output: 10-30 V DC/6 A with a switching time of 80 ms

Electronic reversing load relay, for controlling DC motors, with LED display and protective circuit, output: 10 - 30 V DC/6 A with a switch-over time of 80 ms

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

Technical dataProduct propertiesProduct type Solid-state contactor

Product family CONTACTRON

Operating mode 100% operating factor

Data management status

Article revision 08

Insulation characteristics: Air clearances and creepage distances between the power circuits

Insulation Basic insulation

Overvoltage category III

Pollution degree 2

Electrical propertiesNumber of phases 1

Test voltage (Input/output) 2.5 kVrms(50 Hz, 60 s)

Supply

Input name Device supply

Rated control circuit supply voltage US 24 V DC

Control supply voltage range 10 V DC ... 30 V DC

Rated control supply current IS 7 mA

Protective circuit Surge protection

Input dataControl

Input name Control input right/left

Current consumption 3 mA

Rated actuating voltage UC 24 V DC

Triggering voltage range 19.2 V DC ... 28.8 V DC

Rated actuating current IC 3 mA

Typical response time 200 µs

Protective circuit Reverse polarity protection

Surge protection

Surge voltage protection > 33 V DC

Switchover time RL/LL(turn-on time) 80 ms

Output dataDC output

Rated operating voltage Ue 24 V DC

Operating voltage range 10 V DC ... 30 V DC

Rated operating current (Load output) 6 A

Load current 6 A (see to derating)

Quiescent current approx. 7 mA (When switched off)

Protective circuit Reverse polarity protection

Surge protection

Surge voltage protection > 33 V DC

Current limitation at short-circuits 20 A

Connection dataControl circuits

Connection method Screw connection

Stripping length 8 mm

Screw thread M3

Conductor cross section rigid...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ELR W1/ 6-24DC 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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