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
Document ID	EO-E1D00A39DF
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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

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