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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Reversing load relay - ELR W1/10-24DC - 2964306


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Electronic reversing load relay, for driving DC motors, with light indicator and protection circuit, output: 10-30 V DC/10 A



Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 187637
GTIN	4017918187637

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Input data

Input name	Device supply
Nominal supply voltage	24 V DC \pm 20 %
Input voltage range	19.2 V DC ... 28.8 V DC
Rated control circuit supply voltage U_s	24 V DC
Control supply voltage range	19.2 V DC ... 28.8 V DC
Protective circuit	Reverse polarity protection Polarity protection diode
Status display	Green LED
Current consumption	max. 10 mA
Input name	Control input right/left
Nominal input voltage U_N	24 V DC
Input voltage range in reference to U_N	0.8 ... 1.2
Input voltage range	19.2 V DC ... 28.8 V DC
Current consumption	approx. 3 mA

Output data load output

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Output data load output

Operating voltage range	10 V DC ... 30 V DC
Nominal output voltage range	10 V DC ... 30 V DC
Protective circuit	Reverse polarity protection

Connection data, control circuit

Connection name	Control circuits
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.2 mm ² ... 6 mm ²
Conductor cross section flexible	0.2 mm ² ... 4 mm ²
Conductor cross section AWG	24 ... 10

Connection data load circuit

Connection name	Load circuit
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.2 mm ² ... 6 mm ²
Conductor cross section flexible	0.2 mm ² ... 4 mm ²
Conductor cross section AWG	24 ... 10

General

Test voltage input/output	2.5 kV AC
Mounting position	Vertical (horizontal DIN rail)
Assembly instructions	Can be aligned with spacing = 20 mm

Dimensions

Width	62 mm
Height	84 mm
Depth	110 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Degree of protection	IP20

Standards and Regulations

Standards/regulations	EN 50178
Overvoltage category	III

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
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Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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Approvals


Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		RU C- DE.A*30.B.01082
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