

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

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 $\pm 20\%$
Protective circuit	Protection against polarity reversal 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 $\pm 20\%$
Current consumption	approx. 3 mA

Output data load output

Nominal output voltage range	10 V DC ... 30 V DC
Protective circuit	Protection against polarity reversal

Connection data, control circuit

Connection name	Control circuits
Connection method	Screw connection

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Technical data

Connection data, control circuit

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
Standards/regulations	EN 50178
Overvoltage category	III

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

Classifications

eCl@ss

eCl@ss 4.0	27371102
eCl@ss 4.1	27371102
eCl@ss 5.0	27371601
eCl@ss 5.1	27371601

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Classifications

eCl@ss

eCl@ss 6.0	27371601
eCl@ss 7.0	27371601
eCl@ss 8.0	27371601
eCl@ss 9.0	27371601

ETIM

ETIM 2.0	EC000066
ETIM 3.0	EC000066
ETIM 4.0	EC000066
ETIM 5.0	EC002055

UNSPSC

UNSPSC 6.01	30211915
UNSPSC 7.0901	39121514
UNSPSC 11	39121514
UNSPSC 12.01	39121514
UNSPSC 13.2	39121514

Approvals

Approvals

Approvals

EAC / EAC

Ex Approvals

Approvals submitted

Approval details

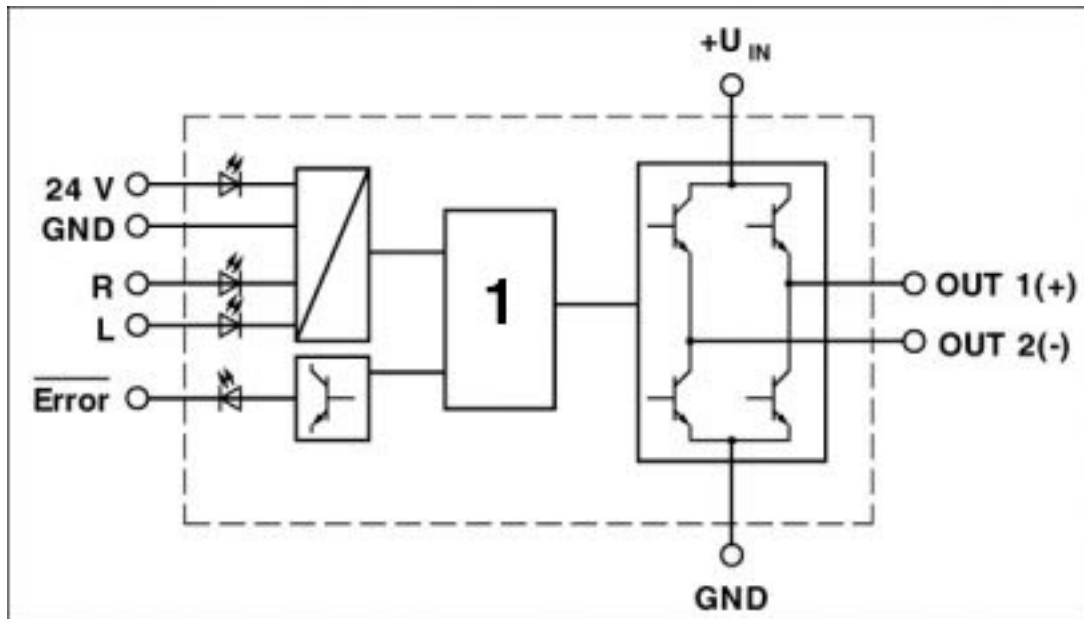
EAC

EAC

Drawings

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Circuit diagram



1 = logics

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