

Relay module DC 24 V with positive-action contacts



<b>Identification</b>	Type	LRZK 4F-D024-110H
	Part-No.	731854
<b>Input</b>		
Input voltage range	16.8 V – 30.0 V	
Nominal voltage	DC 24 V	
Rated current	59.0 mA	
Interrupting voltage	<2.4 V	
Protection device	Bridge rectifier	
Rated insulation voltage (EN 50178)	50 V	
Status Indication	LED yellow	
<b>Load Side</b>		
Contact type	1 NC/1 NO contact, positively driven in acc. with EN 50205, application type A	
Min. switching voltage	AC/DC 5 V	
Max. switching voltage	AC/DC 250 V	
Min. switching current	AC/DC 5 A	
Max. switching current	AC/DC 8 A	
Switching capacity AC 15	230 V: 3 A A	
Switching capacity DC 13	24 V: 5 A, 0.1 Hz, 110 V: 0.3 A	
Max. switching capacity	1250 VA	
Contact material	AgSnO <sub>2</sub> + 0.2 μm HV	
Mechanical service life	2 x 10 <sup>7</sup> operations	

02.04.2016 – Subject to technical modification

Part-No. 731854

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Inrush current	20 A (20 ms)
Switch-on delay	approx. 10 ms
Switch-off delay	approx. 10 ms
Clearance/creep. dist. (control/load side)	>3.2 mm
Protection device output	none
Rated insulation voltage (EN 50178)	250 V
Inrush peak current	20 A for 20 ms
Switching frequency	at 50 % ED <360 / h
Bounce time	NO contact: approx. 6 ms NC contact: 12 ms

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### General

Housing material	PPE
Protection class	IP 20
Field installation	rail TS 35 (EN 50022)
Insulation voltage input/output	4.0 kV <sub>eff</sub>
Insulation resistance	≥100 MΩ
Safe isolation	between control and load sides: yes
Operation temperature range	-25 °C – 60 °C
Storage temperature range	-40 °C – 80 °C
Dimensions (w × h × d)	22.5 × 60.0 × 67.0 mm
Weight (kg/piece)	0.053
Approvals	cULus

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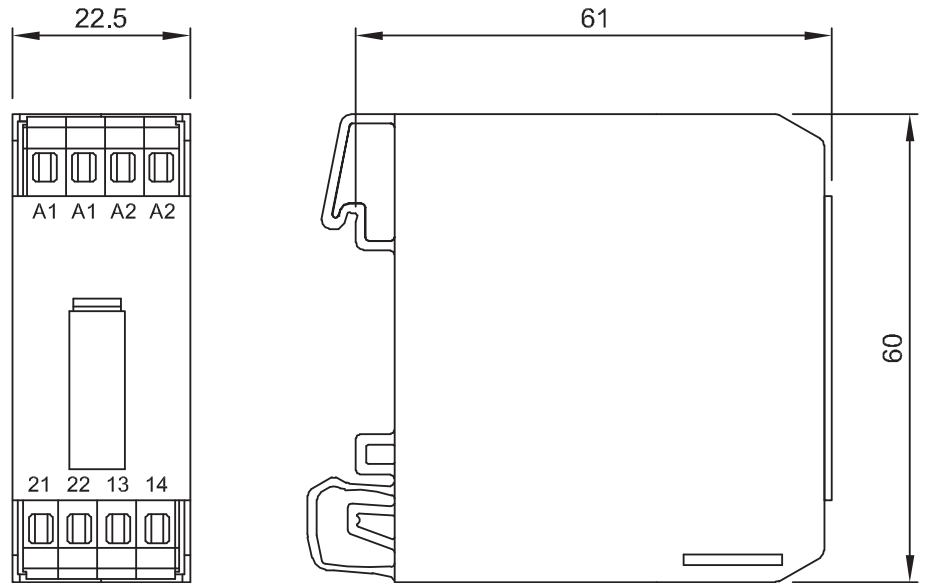
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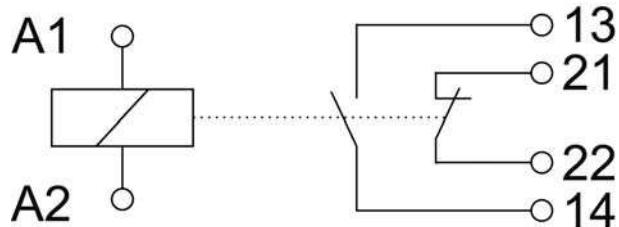
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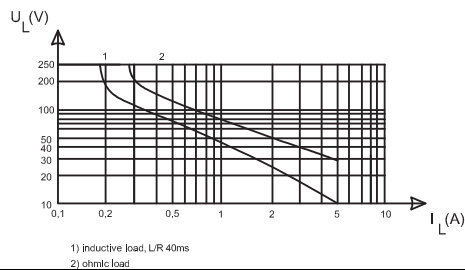
## Dimensions



## PIN assignment



## Limit curve



## Accessories

Accessories	Color	Article number	Type	PU
Jumper comb 24pole, 26A	blue	760801	BK 6-0801	5
Tag holder 7×20 mm	white	760968	BZT-0720	100
Labels for laser printer 9 x 20 mm (Sheet with 270 labels)		681032	LEB-0924	1

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**Comments**

Inductive loads must be wired with a suitable suppressor element!

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**Description**

This safety relay coupler component is designed for the output coupler level. The activation occurs via DC 24 V. On the load side, there is a positively driven opener and closer contact 250 V / 5 A for the secure switching of small to medium loads available.

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