

# REL-SW 24/B110 - Single relay

2960119

<https://www.phoenixcontact.com/us/products/2960119>

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KAMMRELAIS®, contact B 110, size 2, dry contact, 4 changeover contacts, 24 V AC input voltage

The figure shows the version REL-SG 24/B 110

## Commercial data

Item number	2960119
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	DK6192
GTIN	4017918086527
Weight per piece (including packing)	42 g
Weight per piece (excluding packing)	40.7 g
Customs tariff number	85364190
Country of origin	DE

## Technical data

### Product properties

Product type	Single relay
Mechanical service life	approx. $10^7$ cycles

### Data management status

Date of last data management	05.09.2025
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### Electrical properties

Test voltage (Winding/contact)	500 V AC (50 Hz, 1 min., winding/contact)
Test voltage (Changeover contact/changeover contact)	500 V AC (50 Hz, 1 min., changeover contact/changeover contact)

### Input data

#### Coil side

Nominal input voltage $U_N$	24 V AC
Input voltage range	19.2 V AC ... 26.4 V AC
Input voltage range in reference to $U_N$	0.8 ... 1.1
Typical response time	4 ms ... 15 ms
Typical release time range	4 ms ... 15 ms
Coil resistance	170 $\Omega$ $\pm$ 10 %

### Output data

#### Switching

Contact switching type	4 changeover contacts
Type of switch contact	Single contact
Contact material	Ag, gold-flashed
Maximum switching voltage	125 V AC 150 V DC
Limiting continuous current	2 A
Maximum inrush current	2 A
Interrupting rating (ohmic load) max.	48 W (at 24 V DC) 40 W (at 48 V DC) 40 W (at 60 V DC) 45 W (at 110 V DC) 50 VA (for 125 V AC)

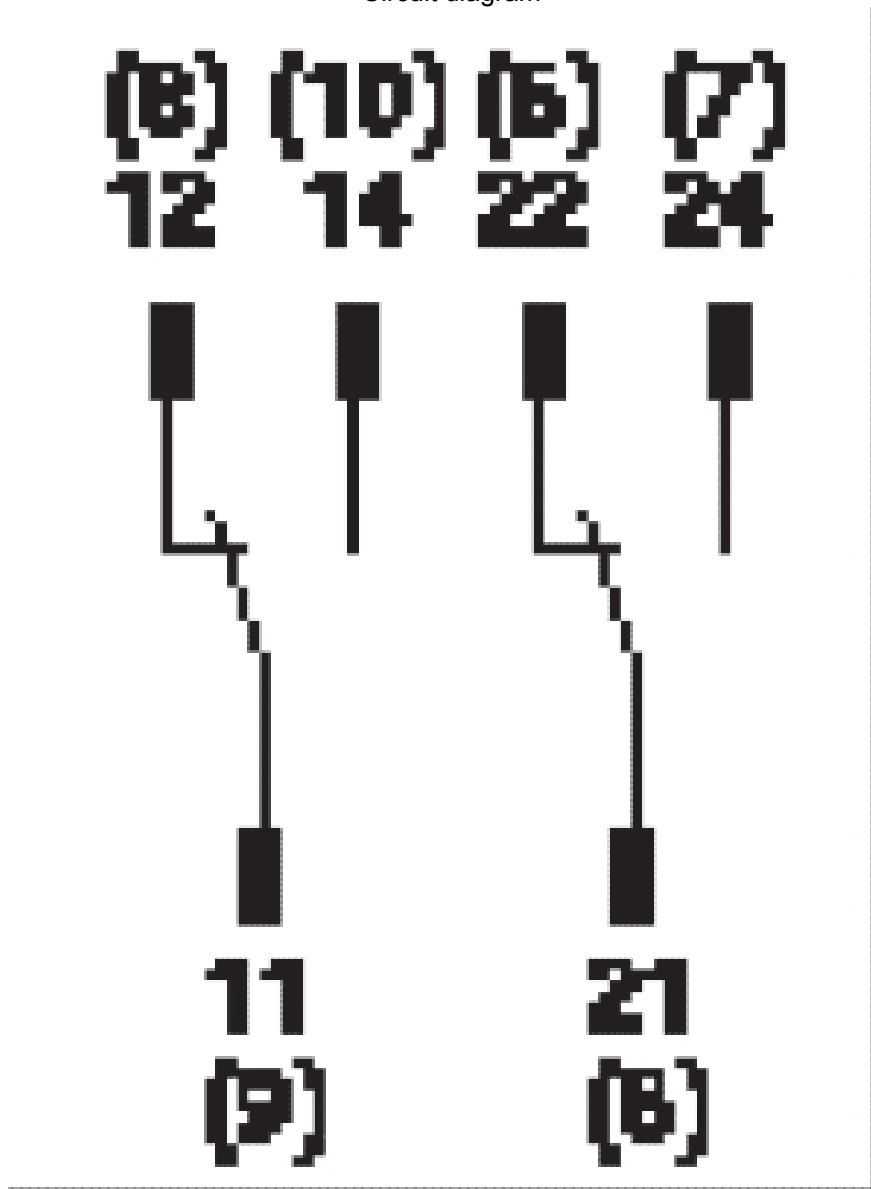
### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C

Drawings

Circuit diagram



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## Environmental product compliance

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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