REL-IRG 24 - Single relay

2960261

https://www.phoenixcontact.com/us/products/2960261

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Industrial relay, size 1, contact: 4 changeover contacts, input voltage 24 V DC

Commercial data

Item number	2960261
Packing unit	10 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C460
Product key	DK6949
GTIN	4017918086671
Weight per piece (including packing)	39.37 g
Weight per piece (excluding packing)	36.079 g
Customs tariff number	85364190
Country of origin	JP

Technical data

Product properties

Product type	Single relay
Operating mode	100% operating factor
Mechanical service life	approx. 5x 10^7 cycles

Insulation characteristics

Overvoltage category	II
Pollution degree	2

Data management status

Date of last data management	01.04.2026

Electrical properties

Maximum power dissipation for nominal condition	0.91 W
Test voltage (Winding/contact)	2 kV AC (50 Hz, 1 min., winding/contact)
Test voltage (Changeover contact/changeover contact)	2 kV AC (50 Hz, 1 min., changeover contact/changeover contact)

Input data

Coil side

Nominal input voltage U_N	24 V DC
Input voltage range	18.7 V DC ... 36 V DC
Input voltage range in reference to U_N	see diagram
Drive and function	monostable
Drive (polarity)	non-polarized
Typical input current at U_N	38 mA
Typical response time	13 ms
Typical release time	8 ms
Coil resistance	630 Ω ±15 %

Output data

Switching

Contact switching type	4 changeover contacts
Type of switch contact	Single contact
Contact material	AgNi, hard gold-plated
Maximum switching voltage	250 V AC
	125 V DC
Minimum switching voltage	1 V
Limiting continuous current	5 A
Maximum inrush current	12 A (15 ms)
Min. switching current	1 mA
Interrupting rating (ohmic load) max.	see diagram

	1250 VA (for 250 V AC)

Environmental and real-life conditions

Ambient conditions

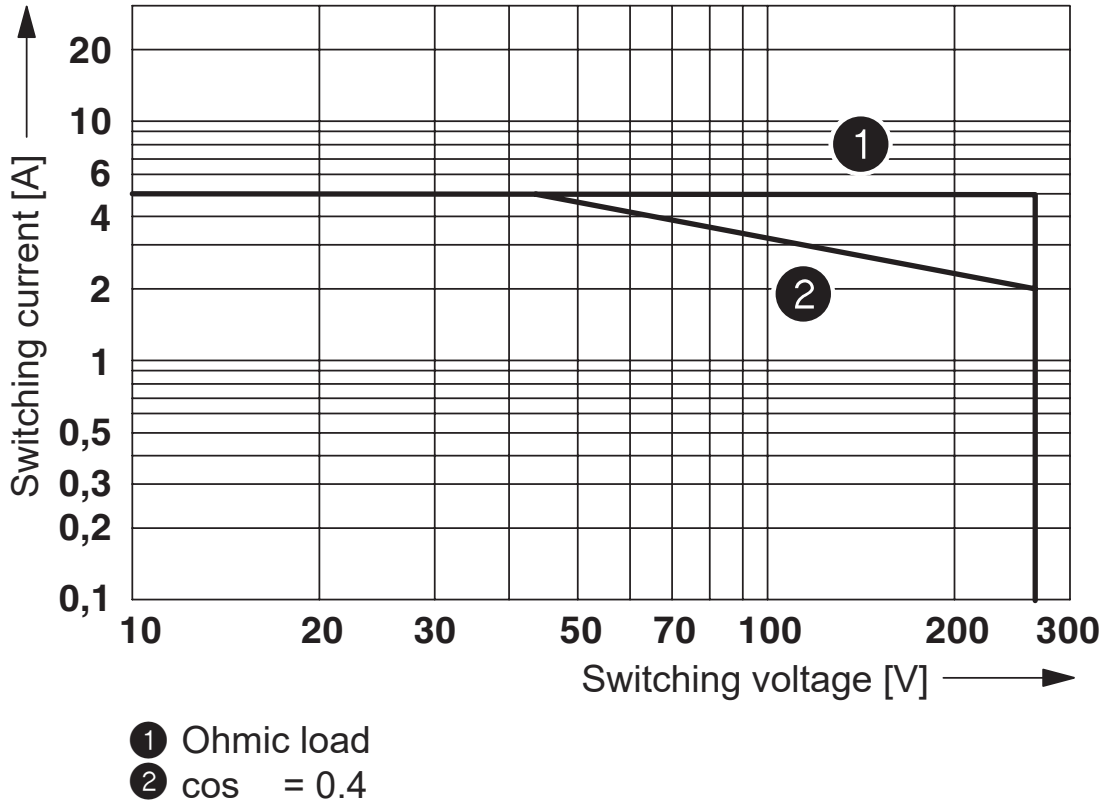
Ambient temperature (operation)	-55 °C ... 70 °C
Ambient temperature (storage/transport)	-55 °C ... 70 °C

Standards and regulations

Standards/regulations	IEC 60664
	IEC 60664A
	DIN VDE 0110

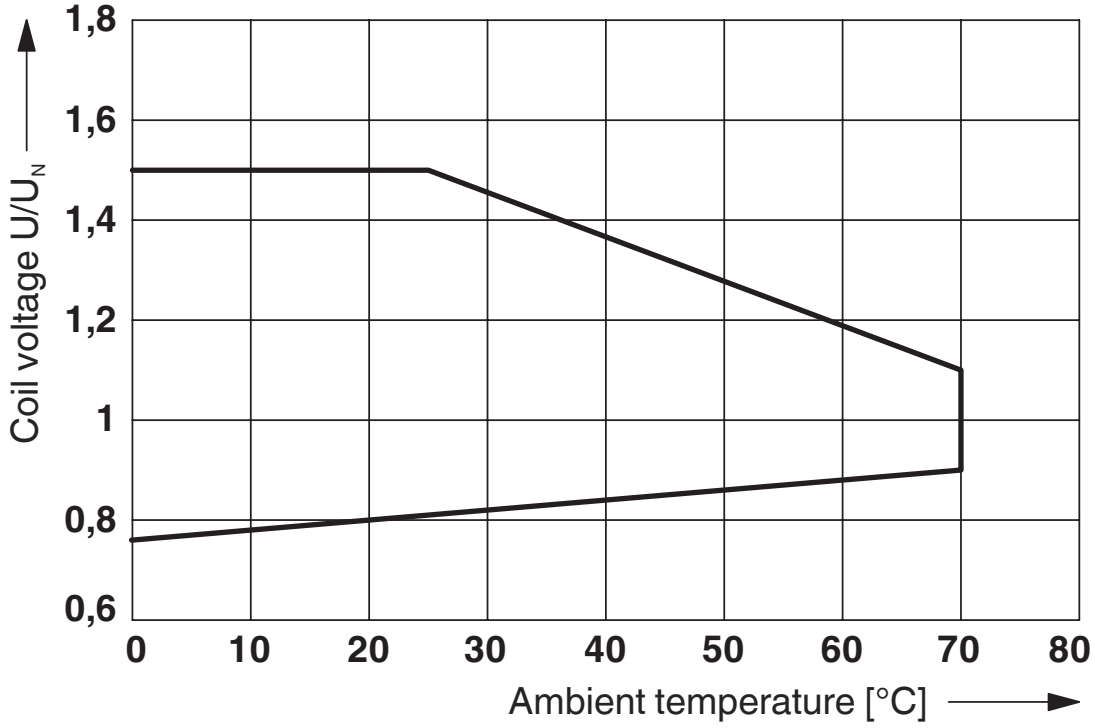
Drawings

Diagram



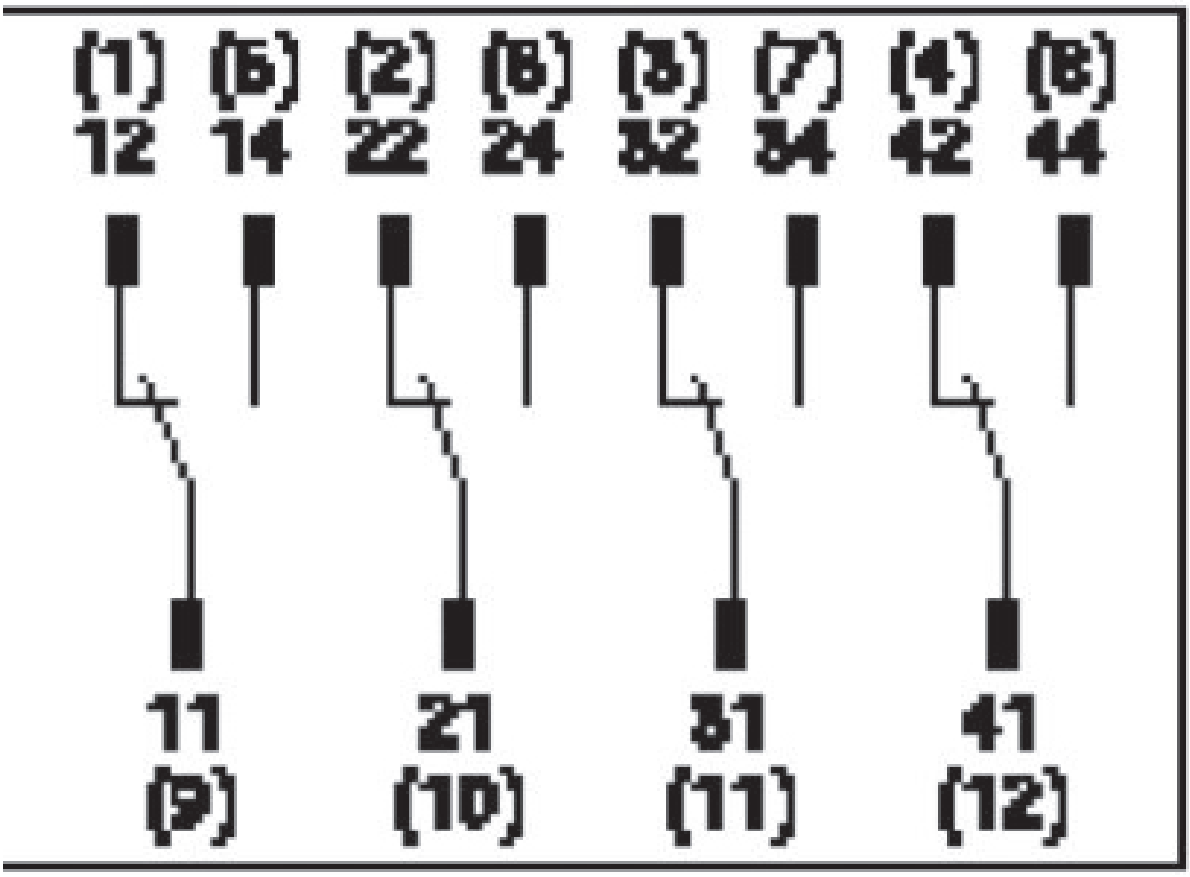
AC interrupting rating

Diagram



Operating voltage range

Circuit diagram



Classifications

ECLASS

ECLASS-13.0	27371601

ETIM

ETIM 9.0	EC001437

UNSPSC

UNSPSC 21.0	39122300

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

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

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