

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	1 pc
Minimum order quantity	1 pc
Sales key	C460
Product key	CK6193
Catalog page	Page 105 (IF-2002)
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

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Technical data

Product properties

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

Insulation characteristics

Overvoltage category	II
Pollution degree	2

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 \pm 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

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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

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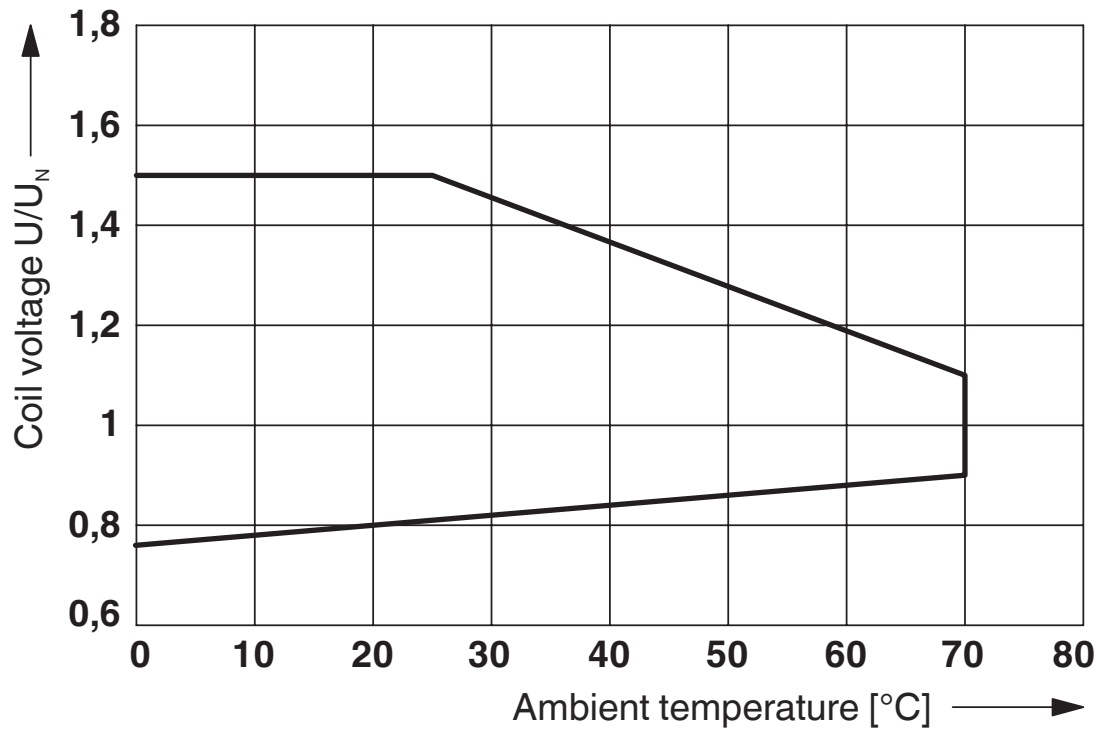


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Drawings

Diagram



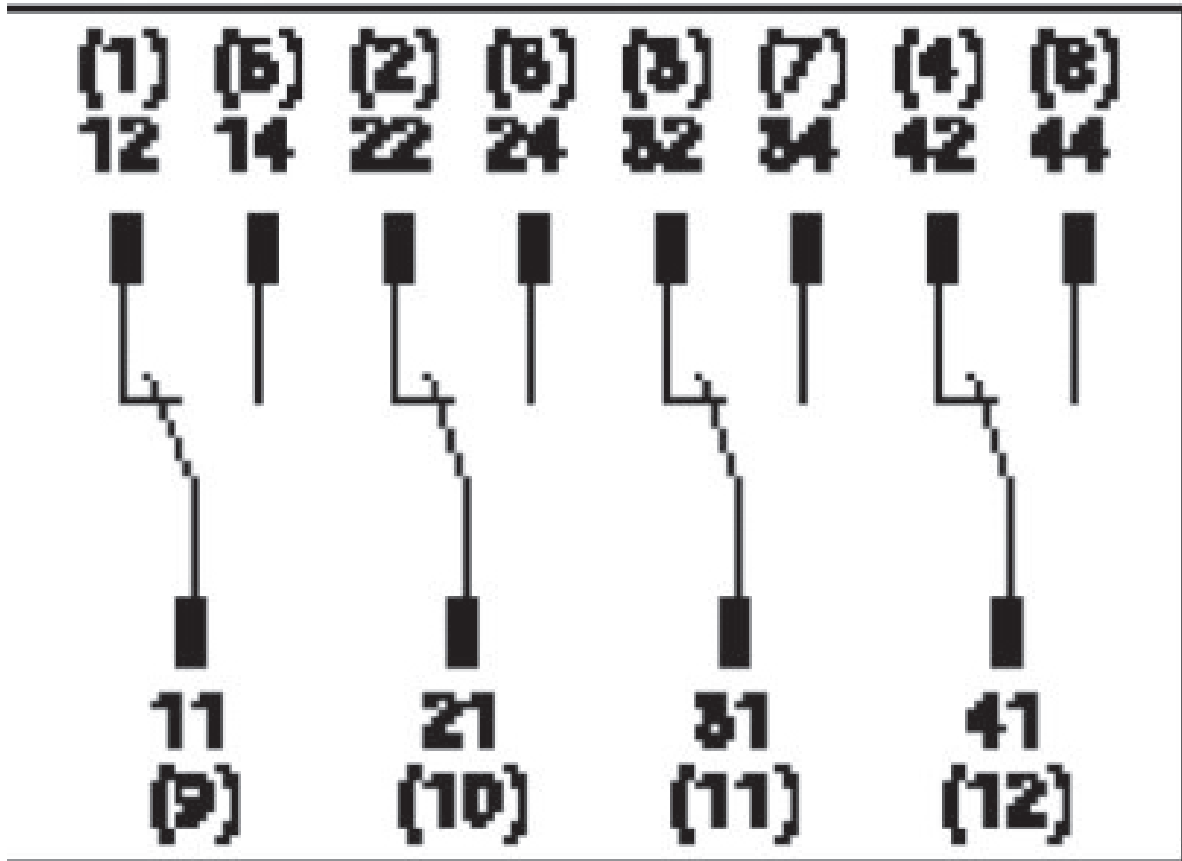
Operating voltage range

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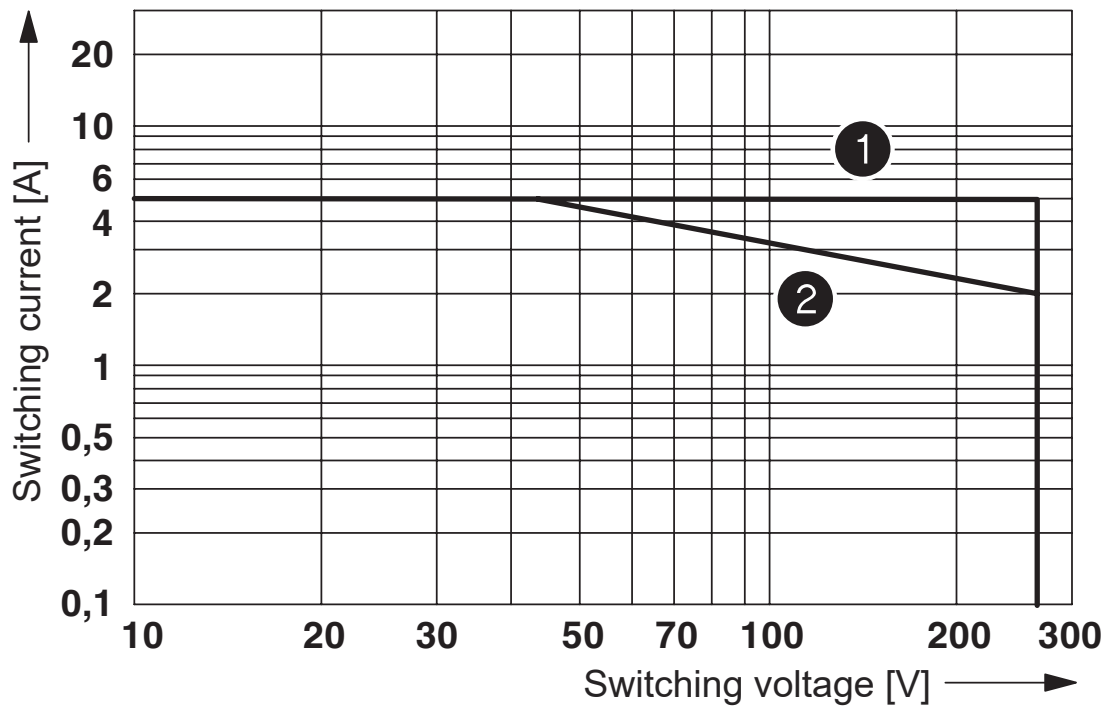
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Circuit diagram



Diagram



- ① Ohmic load
- ② $\cos \phi = 0.4$

AC interrupting rating

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2960261>



EAC

Approval ID: TR_TS_D_00573_c



EAC

Approval ID: RU*C-DE.*08.B.00010

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Classifications

ECLASS

ECLASS-11.0	27371601
ECLASS-12.0	27371601
ECLASS-13.0	27371601

ETIM

ETIM 8.0	EC001437
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UNSPSC

UNSPSC 21.0	39122300
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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e No hazardous substances above threshold values
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