

Single relay - REL-IRG 24 - 2960261

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

Key commercial data

package_quantity	10
GTIN	4017918086671

Technical data

Ambient conditions

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

Coil side

Nominal input voltage U_N	24 V DC
Input voltage range in reference to U_N	(refer to the diagram)
Nominal input current at U_{IN}	38 mA
Typical response time	13 ms
Typical release time	8 ms
Coil resistance	630 Ω \pm 15%

Contact side

Contact type	Single contact
Contact material	AgNi, hard gold-plated
Maximum switching voltage	250 V AC
Maximum switching voltage	125 V DC
Minimum switching voltage	1 V
Maximum inrush current	12 A (15 ms)
Min. switching current	1 mA
Limiting continuous current	5 A
Interrupting rating (ohmic load) max.	(refer to the diagram)
Interrupting rating (ohmic load) max.	1250 VA (for 250 V AC)

General

Test voltage relay winding/relay contact	2 kV AC (50 Hz, 1 min.)
Test voltage PDT/PDT	2 kV AC (50 Hz, 1 min.)

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Technical data

General

Operating mode	100% operating factor
Mechanical service life	Approx. 5×10^7 cycles
Standards/regulations	IEC 60664
Standards/regulations	IEC 60664 A
Standards/regulations	DIN VDE 0110
Pollution degree	2
Surge voltage category	II

classifications

eCl@ss

eCl@ss 4.0	27371104
eCl@ss 4.1	27371104
eCl@ss 5.0	27371001
eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 7.0	27371001
eCl@ss 8.0	27371001

ETIM

ETIM 2.0	EC000196
ETIM 3.0	EC000196
ETIM 4.0	EC000196
ETIM 5.0	EC000196

UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121515
UNSPSC 11	39121515
UNSPSC 12.01	39121515
UNSPSC 13.2	39121515

approvals

GOST /

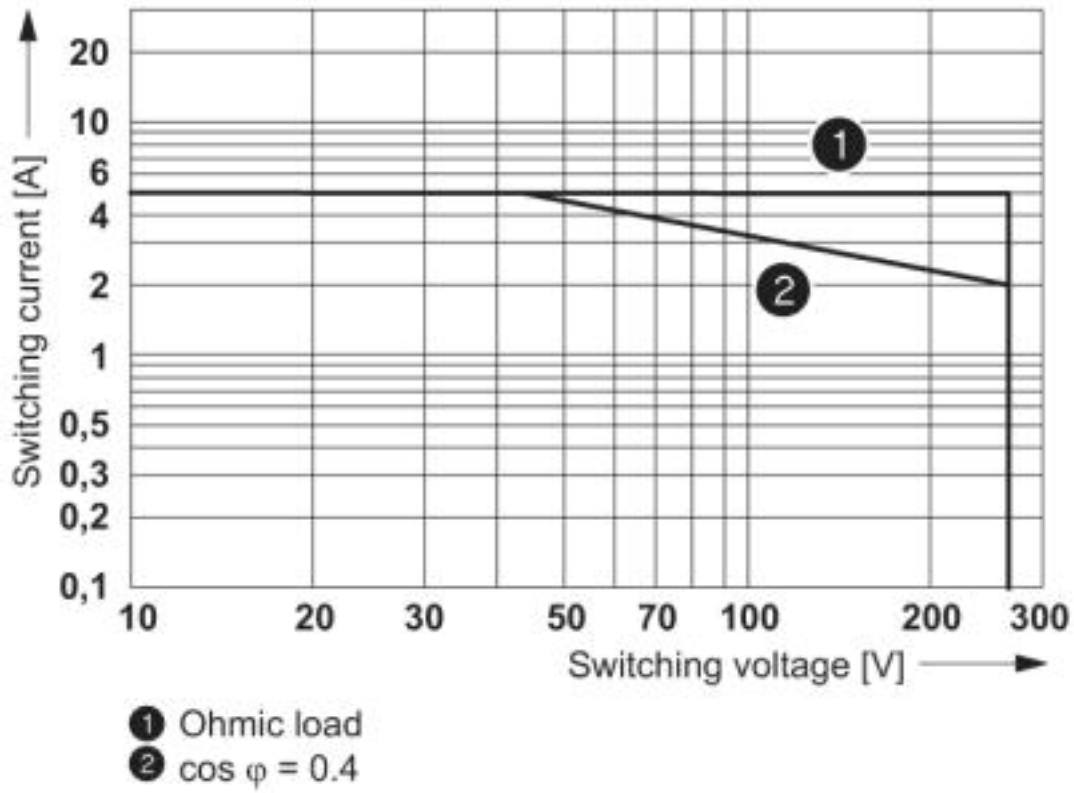
Approval details



Drawings

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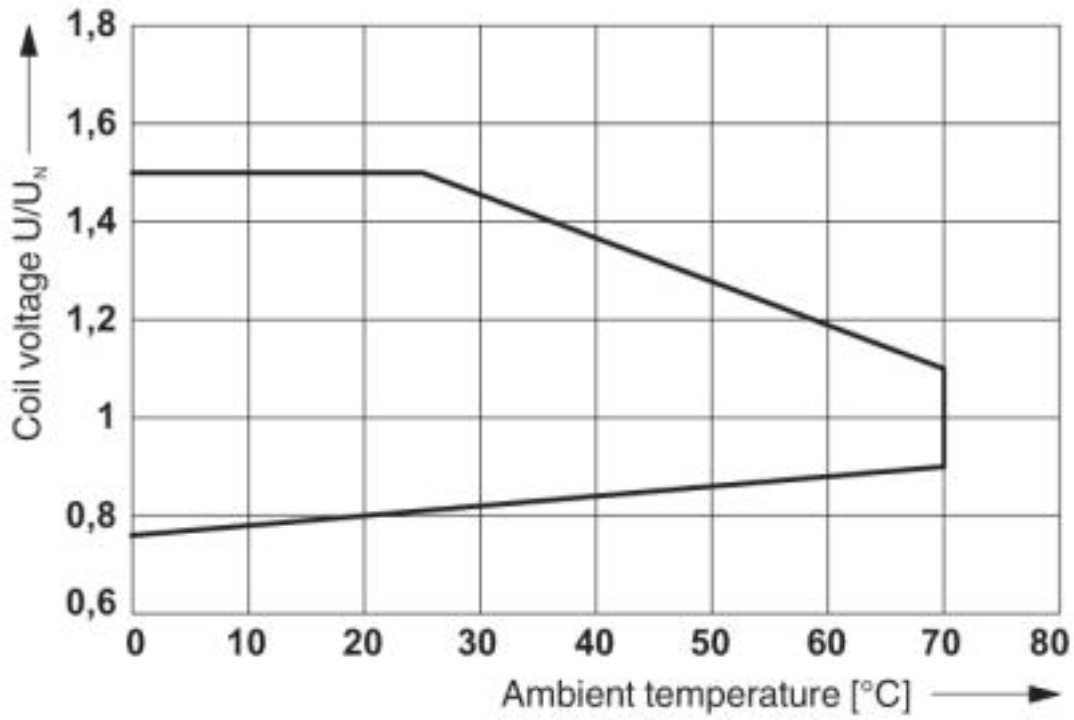
Diagram



Interrupting rating

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Diagram



Operating voltage range

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Circuit diagram

