

# 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

Packing unit	10 pc
GTIN	 4 017918 086671
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 $U_N$	see diagram
Typical input current at $U_N$	38 mA
Typical response time	13 ms
Typical release time	8 ms
Coil resistance	630 $\Omega$ $\pm$ 15 %
Power dissipation for nominal condition	0.91 W

### Contact side

Contact type	4 PDTs
Type of switch contact	Single contact
Contact material	AgNi, hard gold-plated
Maximum switching voltage	250 V AC
	125 V DC

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## Technical data

### Contact side

Minimum switching voltage	1 V
Min. switching current	1 mA
Maximum inrush current	12 A (15 ms)
Limiting continuous current	5 A
Interrupting rating (ohmic load) max.	see diagram
	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.)
Operating mode	100% operating factor
Mechanical service life	approx. $5 \times 10^7$ cycles

### Standards and Regulations

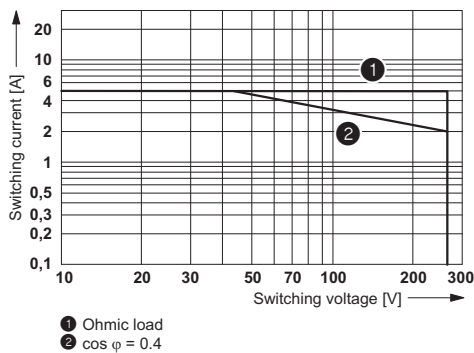
Standards/regulations	IEC 60664
	IEC 60664A
	DIN VDE 0110
Degree of pollution	2
Overvoltage category	II

### Environmental Product Compliance

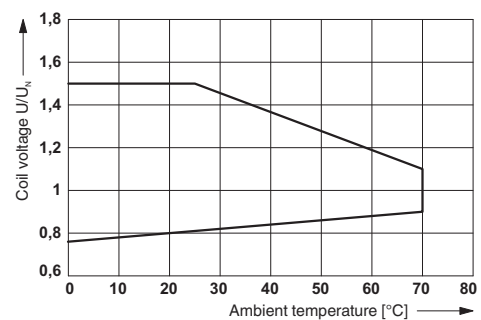
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Diagram



Diagram



AC interrupting rating

Operating voltage range

## Approvals

## Approvals

# Single relay - REL-IRG 24 - 2960261

## Approvals

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Approvals

EAC

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Ex Approvals

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## Approval details

EAC		RU C- DE.A*30.B.01082
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