

REL-IR/LDP- 48DC/4X21AU

Order No.: 2834106

The figure shows the version: REL-IR/LDP- 24DC/4X21 AU



<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=2834106>

Pluggable industrial relays with power contacts and additional hard gold plating, 4 PDT, test button, status LED, free-wheeling diode, mechanical switch position indicator, polarity **A1+**, **A2-**, coil voltage: 48 V DC

Commercial data

EAN	 4 017918 941673
sales group	G082
Pack	10 Pcs.
Customs tariff	85364190
Gross weight in pieces	0.0389 KG
Net weight per piece	0.0389 KG
Catalog page information	Page 50 (IF-2007)

Product notes

WEEE/RoHS-compliant since:
03/31/2006



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Technical data

Dimensions

Width	21.5 mm
Height	28 mm
Depth	36 mm

Ambient conditions

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

Coil side

Nominal input voltage U_N	48 V DC
Typical input current at U_N	19 mA
Typical response time	13 ms
Typical release time	5 ms
Coil resistance	2560 Ω $\pm$ 15 % (at 20 °C)

Contact side

Contact type	4 PDTs
Contact material	AgNi, hard gold-plated
Maximum switching voltage	250 V AC/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.	1250 VA (for 250 V AC)

General

Test voltage relay winding/relay contact	2 kV AC (50 Hz, 1 min.)
Test voltage relay contact/relay contact	2 kV AC (50 Hz, 1 min.)
Operating mode	100% operating factor
Mechanical service life	5 x 10 ⁷ cycles
Standards/regulations	DIN EN 61810-1
	VDE 0435-201
	EN 50178
	IEC 62103
Pollution degree	2
Surge voltage category	II
Mounting position	any
Assembly instructions	On relay base PR2

Connection data

Connection method	Plug / solder connection
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Certificates / Approvals



Certification

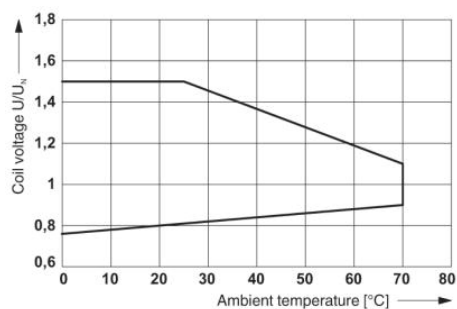
cULus Listed, VDE Gutachten mit Fertigungsüberwachung

Certifications applied for:

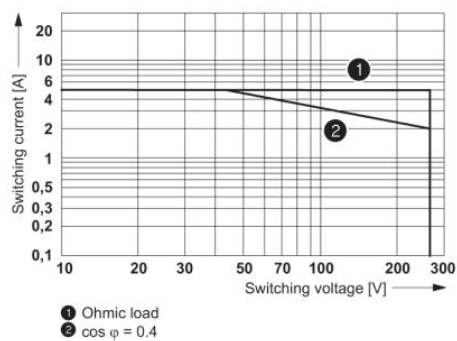
Certification Ex:

Drawings

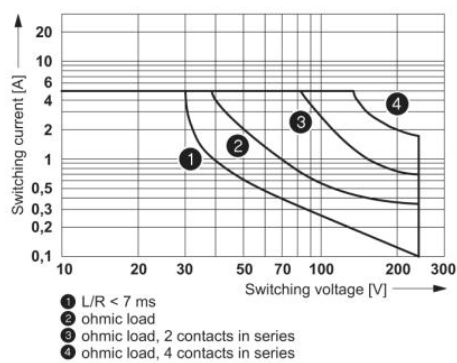
Diagram



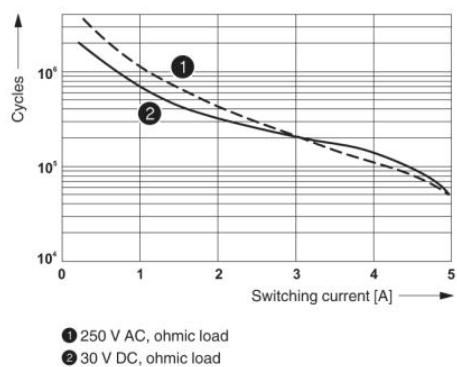
Operating voltage range



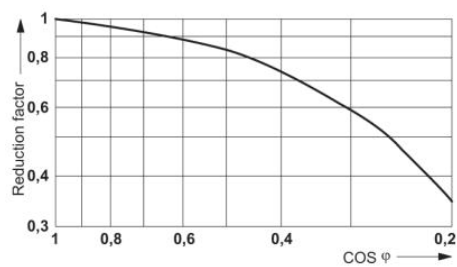
AC interrupting rating



DC interrupting rating

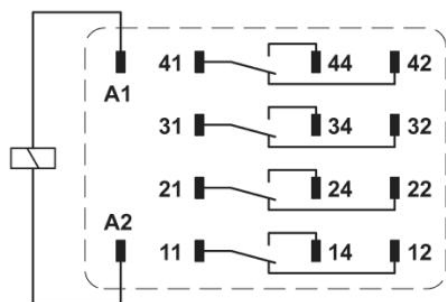


Electrical service life



Service life reduction factor

Circuit diagram



Shown without LED and damping diode.

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