Extract from the online catalog

REL-IR/LDP- 24DC/2X21

Order No.: 2834025



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2834025

Pluggable industrial relays with power contacts, 2 PDT, test button, status LED, free-wheeling diode, mechanical switch position indicator, polarity **A1+**, **A2-**, input voltage 24 V DC

Product notes
WEEE/RoHS-compliant since: 07/10/2006

http://www.download.phoenixcontact.com
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Commercial data

GTIN (EAN)	4 017918 941628
sales group	G082
Pack	10 pcs.
Customs tariff	85364190
Catalog page information	Page 60 (IF-2009)

Technical data

Coil side

Nominal input voltage U_N	24 V DC
Nominal input current at U_{IN}	38 mA
Typical response time	13 ms
Typical release time	5 ms

Coil resistance	636 Ω +/-15% (at 20°C)

Contact side

Contact type	Single contact, 2-PDT
Contact material	Ag
Maximum switching voltage	250 V AC/DC
Minimum switching voltage	5 V
Maximum inrush current	20 A (15 ms)
Min. switching current	1 mA
Limiting continuous current	10 A
Interrupting rating (ohmic load) max.	2500 VA (for 250 V AC)

General data

Width	21.5 mm
Height	28 mm
Depth	36 mm
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.)
Ambient temperature (operation)	-55 °C ... 70 °C
Ambient temperature (storage/transport)	-55 °C ... 70 °C
Operating mode	100% operating factor
Mechanical service life	5×10^7 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

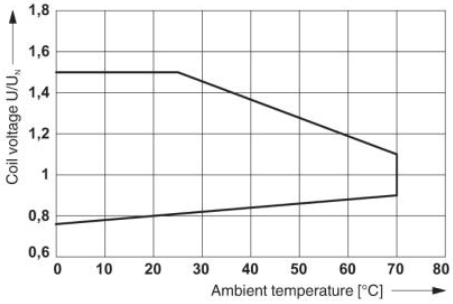
Type of connection	Plug / solder connection

Certificates / Approvals

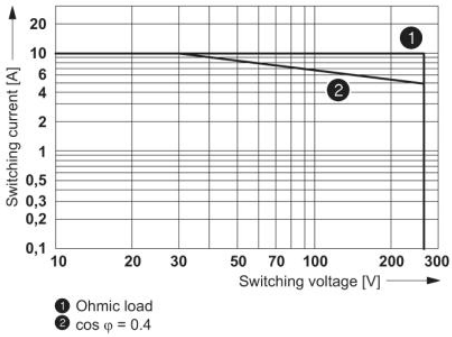
Certification	CUL Listed, UL Listed, VDE-PZI

Diagrams/Drawings

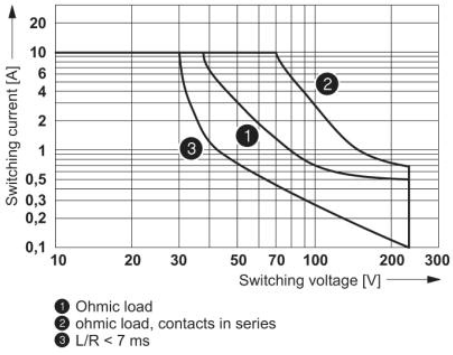
Diagram



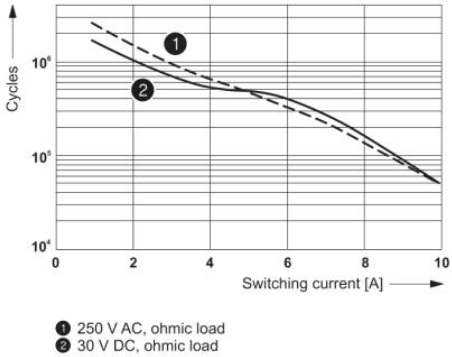
Operating voltage range



AC interrupting rating

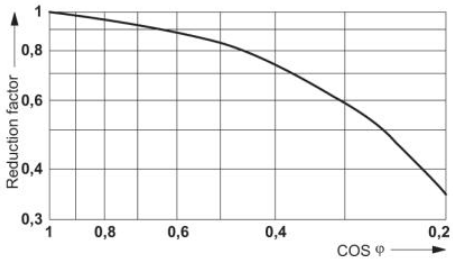


DC interrupting rating

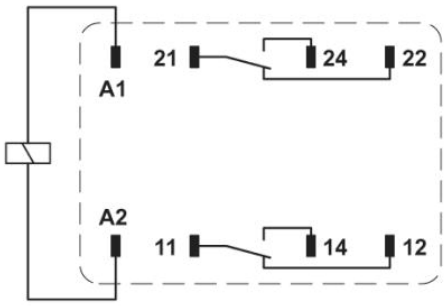


Electrical service life

Service life reduction factor



Circuit diagram



Shown without LED and damping diode.
Contacts 21, 22, 24 are led onto relay socket connections 41, 42, 44.

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