

PR2-RSC3-LDP-24DC/2X21

Order No.: 2834643

A version with a green relay cap and manual operation with snap-in function available only from the second quarter of 2009.



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2834643>

Preassembled relay modules with screw connection, consisting of: Relay socket, industrial relay with integrated LED, free-wheeling diode and engage/disengage manual actuate lever, and retaining bracket. Input voltage: 24 V DC, two PDTs, 10 A



Commercial data

GTIN (EAN)	4046356044530
sales group	G301
Pack	5 pcs.
Customs tariff	85364900
Weight/Piece	0.1147 KG
Catalog page information	Page 72 (IF-2009)

Product notes

WEEE/RoHS-compliant since:
06/06/2007



<http://www.download.phoenixcontact.com>
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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
Operating voltage display	LED green
Protective circuit/component	Damping diode

Contact side

Contact type	Single contact, 2-PDT
Contact material	Ag
Maximum switching voltage	250 V AC 125 V 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

General data

Width	27 mm
Height	86 mm
Depth	78.5 mm
Test voltage relay winding/relay contact	2 kV (50 Hz, 1 min)
Test voltage relay contact/relay contact	2 kV (50 Hz, 1 min)
Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Operating mode	100% operating factor
Service life mechanical	5 x 10 ⁷ cycles
Standards/regulations	IEC 60664 EN 50178 IEC 62103
Pollution degree	3
Surge voltage category	II
Mounting position	Any
Assembly instructions	In rows with zero spacing

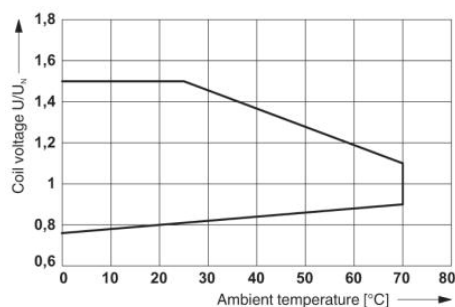
Connection data

Type of connection	Screw connection
Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	2.5 mm ²

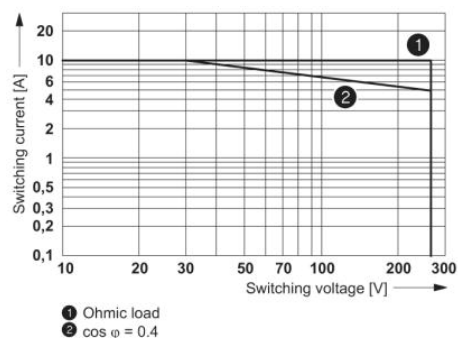
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	14
Stripping length	7 mm
Screw thread	M3

Diagrams/Drawings

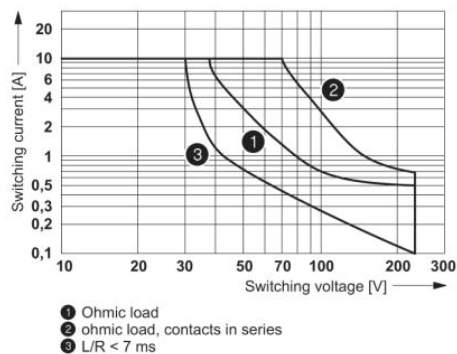
Diagram



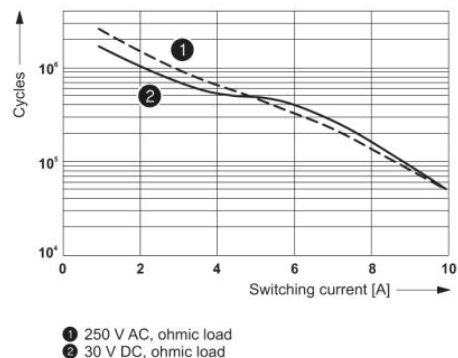
Operating voltage range of relay $T_u = T_{coil}$



AC interrupting rating

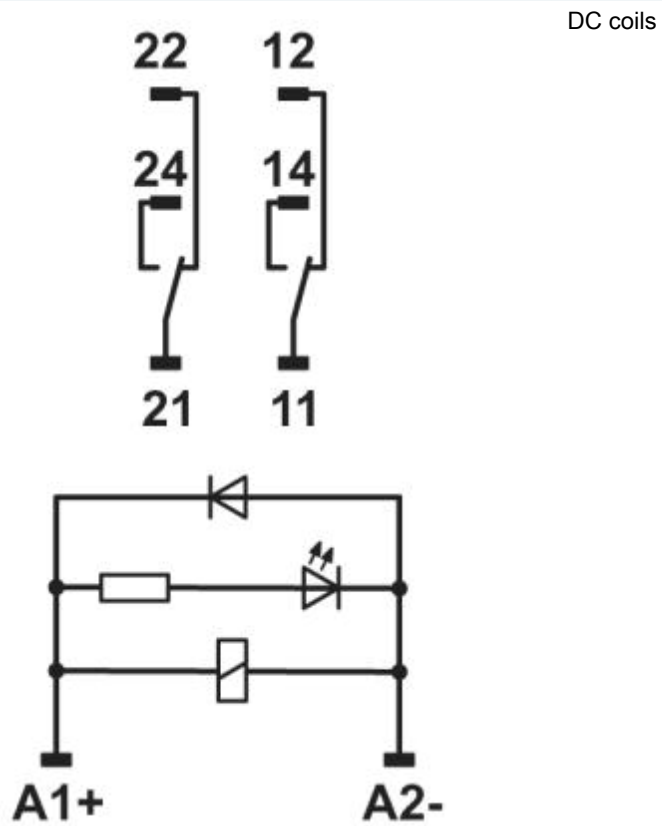


DC interrupting rating



Electrical service life

Circuit diagram



Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057, USA
Phone (800) 888-7388
Fax (717) 944-1625
<http://www.phoenixcon.com>



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