



Extract from the online catalog

REL-IR/L-230AC/2X21


Order No.: 2834070

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=2834070>

Pluggable industrial relay with power contacts, 2 PDT, test button, status LED, free-wheeling diode, mechanical switch position indicator, polarity **A1+**, **A2-**, input voltage 230 V AC

Commercial data		Product notes
GTIN (EAN)	4017918941819	WEEE/RoHS-compliant since: 07/10/2006 
sales group	G082	
Pack	10 pcs.	
Customs tariff	85364900	
Weight/Piece	0.03707 KG	
Catalog page information	Page 60 (IF-2009)	

Technical data	
Coil side	
Nominal input voltage U_N	230 V AC
Nominal input current at U_{IN}	5 mA (at 50 Hz) 4 mA (At 60 Hz)
Typical response time	4 ms ... 10 ms (AC, depending on phase relation)

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Typical release time range	3 ms ... 12 ms (AC, depending on phase relation)
Coil resistance	18790 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	36 mm
Depth	28 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
Service life mechanical	5 x 10 ⁷ cycles
Standards/regulations	EN 50178 IEC 62103
Pollution degree	3
Surge voltage category	II
Mounting position	Any
Assembly instructions	On relay base PR2
Connection data	
Type of connection	Plug / solder connection

Certificates / Approvals

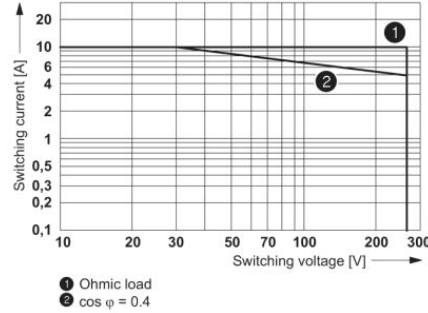
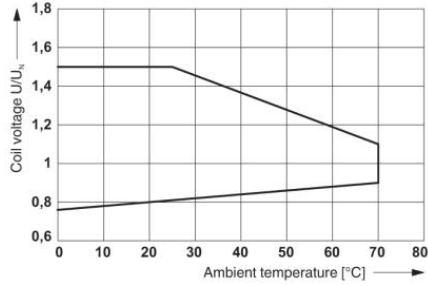


Certification

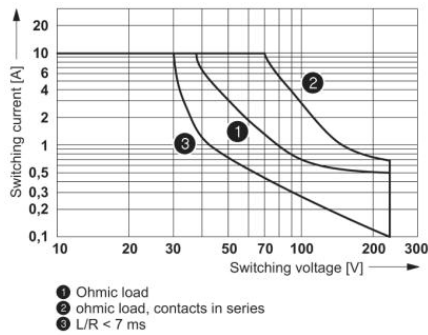
CUL Listed, UL Listed, VDE-PZI

Diagrams/Drawings

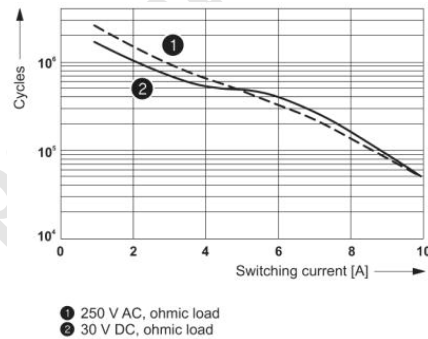
Diagram



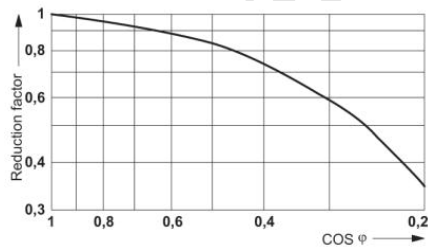
Operating voltage range



AC interrupting rating



DC interrupting rating

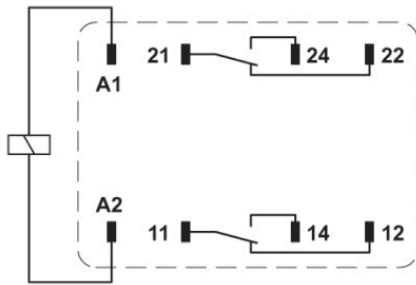


Electrical service life

Service life reduction factor

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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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