

REL-OR-120AC/2X21

Order No.: 2834258

The figure shows version: REL-OR-230AC/2X21

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2834258>

Pluggable octal relay with power contacts, 2 PDT, test button,
mechanical switching position indication, coil voltage 120 V AC

Commercial data

GTIN (EAN)	 4 017918 941864
sales group	G082
Pack	10 pcs.
Customs tariff	85364900
Catalog page information	Page 64 (IF-2009)

Product notes

WEEE/RoHS-compliant since:
05/01/2009



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Technical data

Coil side

Nominal input voltage U_N	120 V AC
Nominal input current at U_{IN}	20 mA (at 50 Hz) 18 mA (At 60 Hz)
Typical response time	5 ms ... 20 ms (AC, depending on phase relation)

Typical release time range	5 ms ... 20 ms (AC, depending on phase relation)
Coil resistance	1520 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	1 V
Maximum inrush current	(on request)
Min. switching current	10 mA
Limiting continuous current	10 A
Interrupting rating (ohmic load) max.	2500 VA (for 250 V AC)

General data

Width	34.5 mm
Height	34.5 mm
Depth	52.5 mm
Test voltage relay winding/relay contact	2.5 kV AC (50 Hz, 1 min.)
Test voltage relay contact/relay contact	2.5 kV AC (50 Hz, 1 min.)
Ambient temperature (operation)	-10 °C ... 40 °C
Ambient temperature (storage/transport)	-10 °C ... 70 °C
Operating mode	100% operating factor
Mechanical service life	10 x 10 ⁶ cycles
Standards/regulations	IEC 60664
Pollution degree	3
Surge voltage category	II
Mounting position	Any
Assembly instructions	On relay base PR3

Connection data

Type of connection	Plug connection
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Certificates / Approvals

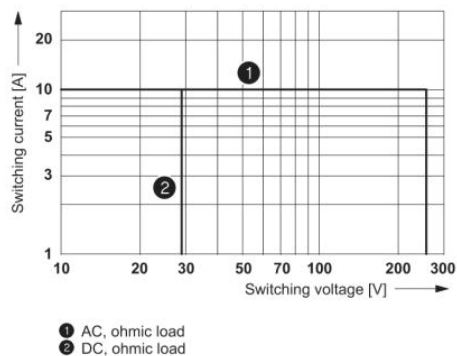


Certification

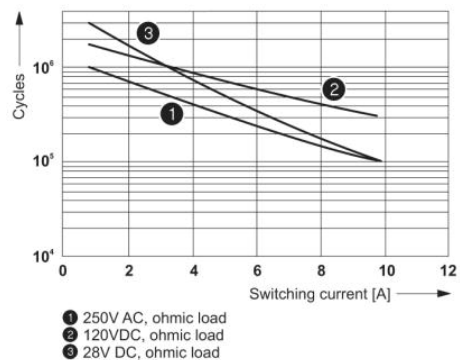
CUL, TUEV-RH, UL

Diagrams/Drawings

Diagram

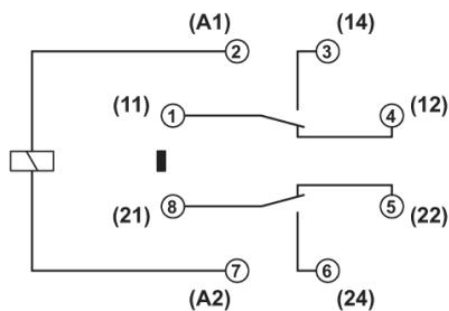


Interrupting rating



Electrical service life

Circuit diagram



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