

REL-OR- 24AC/3X21

Order No.: 2834287

The figure shows version: REL-OR-230AC/3X21



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Pluggable octal relay with power contacts, 3 PDT, test button,
mechanical switching position indication, coil voltage 24 V AC

Commercial data

EAN	 4 017918 941789
sales group	G082
Pack	10 Pcs.
Customs tariff	85364190
Gross weight in pieces	0.11453 KG
Net weight per piece	0.11453 KG
Catalog page information	Page 384 (C-7-2013)

Product notes

WEEE/RoHS-compliant since:
09/07/2006



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Technical data

Dimensions

Width	34.5 mm
Height	34.5 mm
Depth	52.5 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 60 °C
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Ambient temperature (storage/transport)	-40 °C ... 60 °C
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Coil side

Nominal input voltage U_N	24 V AC
Typical input current at U_N	110 mA (at 50 Hz)
	96 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	62 Ω $\pm$ 15 % (at 20 °C)

Contact side

Contact type	3 PDTs
Contact material	AgSnIn
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 (N/O contact)
	5 A (N/C contact)
Interrupting rating (ohmic load) max.	2500 VA (for 250 V AC)

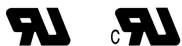
General

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.)
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

Connection method	Plug connection
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Certificates / Approvals



Certification

cULus Recognized

Certifications applied for:

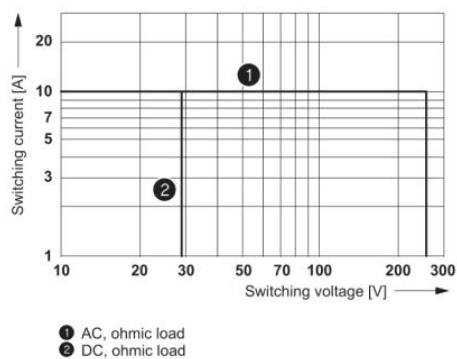
Certification Ex:

Additional products

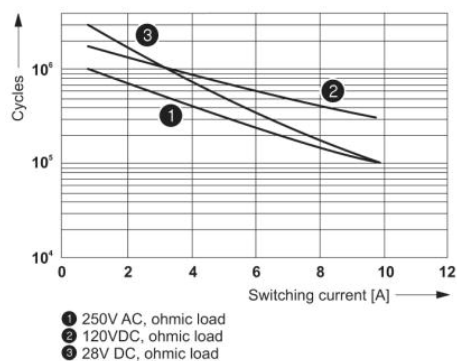
Item	Designation	Description
General		
2833615	PR3-BSC1/3X21	Relay socket PR3..., for octal relay REL-OR with 3 PDT, screw connections, connection facility for input/interference suppression modules, for mounting on NS 35/7.5

Drawings

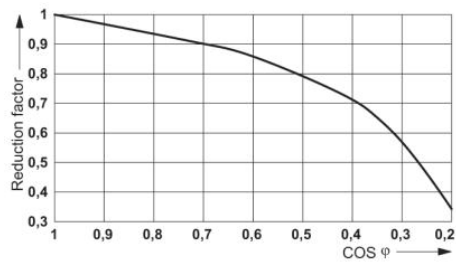
Diagram



Interrupting rating

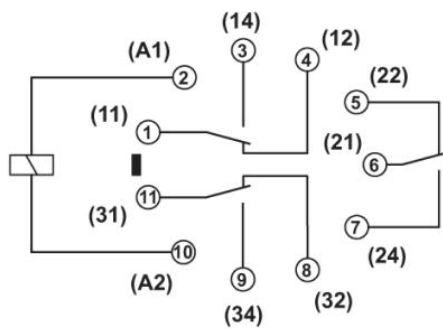


Electrical service life



Service life reduction factor with various cos phi

Circuit diagram



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