

REL-OR- 24DC/3X21 - Single relay



2834274

<https://www.phoenixcontact.com/ro/produse/2834274>

Vă rugăm să țineți cont de faptul că datele afișate în acest document PDF au fost generate din catalogul nostru online. Datele complete sunt disponibile în documentația pentru utilizator. În cazul descărcărilor, se aplică Termenii și condițiile generale de utilizare ale companiei noastre.



Plug-in octal relays with power contacts, 3 changeover contacts, test button, mechanical switching position indicator, coil voltage: 24 V DC

Avantajele dumneavoastră

- Extremely rugged design
- With detectable manual operation
- Mechanical switch position indicator

Date comerciale

Număr articol	2834274
Unitate de ambalare	10 Bucată
Cantitate minimă pentru comandă	1 Bucată
Cod produs	CK6193
Pagina de catalog	Pagina 390 (C-7-2015)
GTIN	4017918941772
Greutate pe bucată (inclusiv ambalajul)	109,06 g
Greutate pe bucată (fără ambalaj)	99,37 g
Cod tarifar vamal	85364190
Țara de origine	CN

REL-OR- 24DC/3X21 - Single relay

2834274

<https://www.phoenixcontact.com/ro/produse/2834274>



Date tehnice

Product properties

Product type	Single relay
Operating mode	100% operating factor
Mechanical service life	10x 10 ⁶ cycles

Insulation characteristics

Overvoltage category	II
Pollution degree	3

Electrical properties

Service life electrical	see diagram
Maximum power dissipation for nominal condition	1.34 W
Test voltage (Winding/contact)	2.5 kV AC (50 Hz, 1 min., winding/contact)
Test voltage (Contact/contact)	2.5 kV AC (50 Hz, 1 min., contact/contact)

Input data

Coil side

Nominal input voltage U _N	24 V DC
Input voltage range	19.2 V DC ... 26.4 V DC
Input voltage range in reference to U _N	0.8 ... 1.1
Drive and function	monostable
Typical input current at U _N	56 mA
Typical response time	12 ms
Typical release time	6 ms
Coil resistance	430 Ω ±15 % (at 20 °C)

Output data

Switching

Contact switching type	3 changeover contacts
Type of switch contact	Single contact
Contact material	AgSnIn
Maximum switching voltage	250 V AC/DC
Minimum switching voltage	1 V
Limiting continuous current	10 A (N/O contact)
	5 A (N/C contact)
Maximum inrush current	on request
Min. switching current	10 mA
Interrupting rating (ohmic load) max.	2500 VA (for 250 V AC)

Connection data

Connection method	Plug-in connection
-------------------	--------------------

REL-OR- 24DC/3X21 - Single relay



2834274

<https://www.phoenixcontact.com/ro/produse/2834274>

Dimensions

Width	34.5 mm
Height	34.5 mm
Depth	52.5 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	RT I
Ambient temperature (operation)	-40 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 60 °C

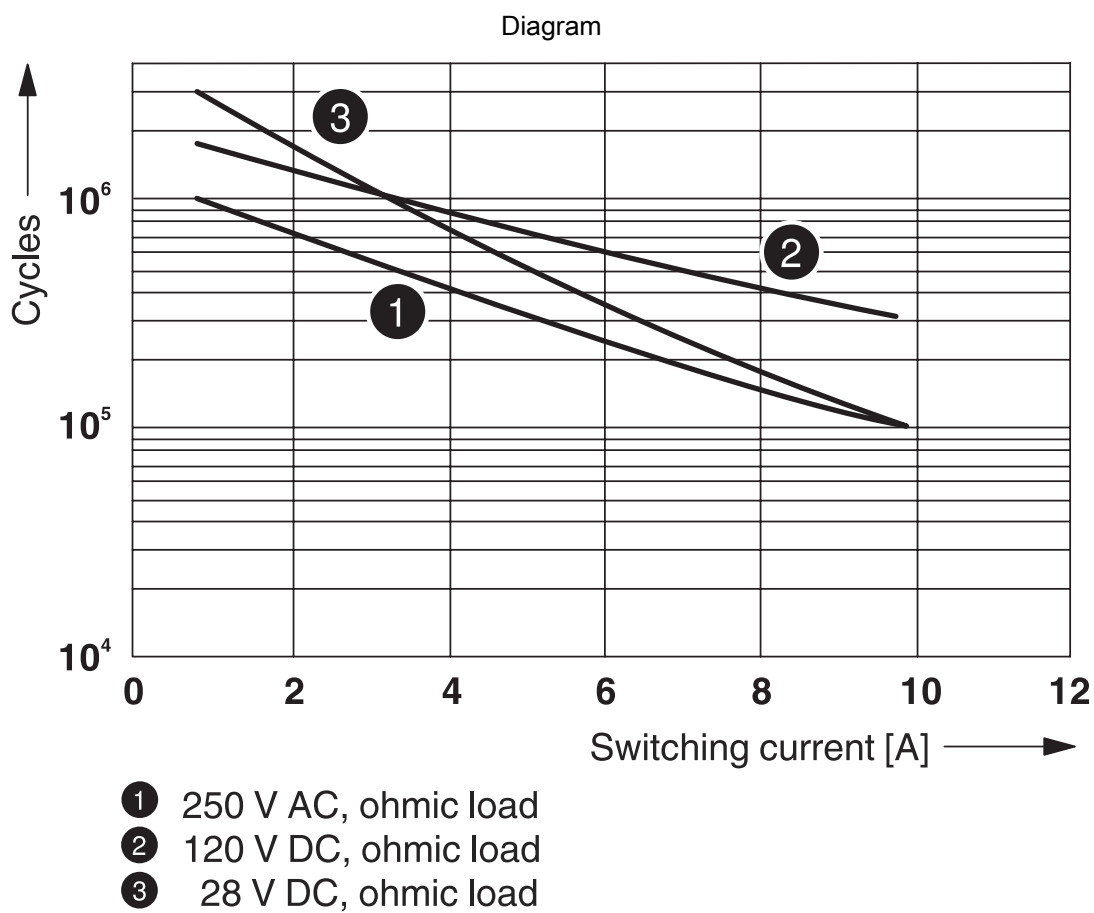
Standards and regulations

Standards/regulations	IEC 60664
-----------------------	-----------

Mounting

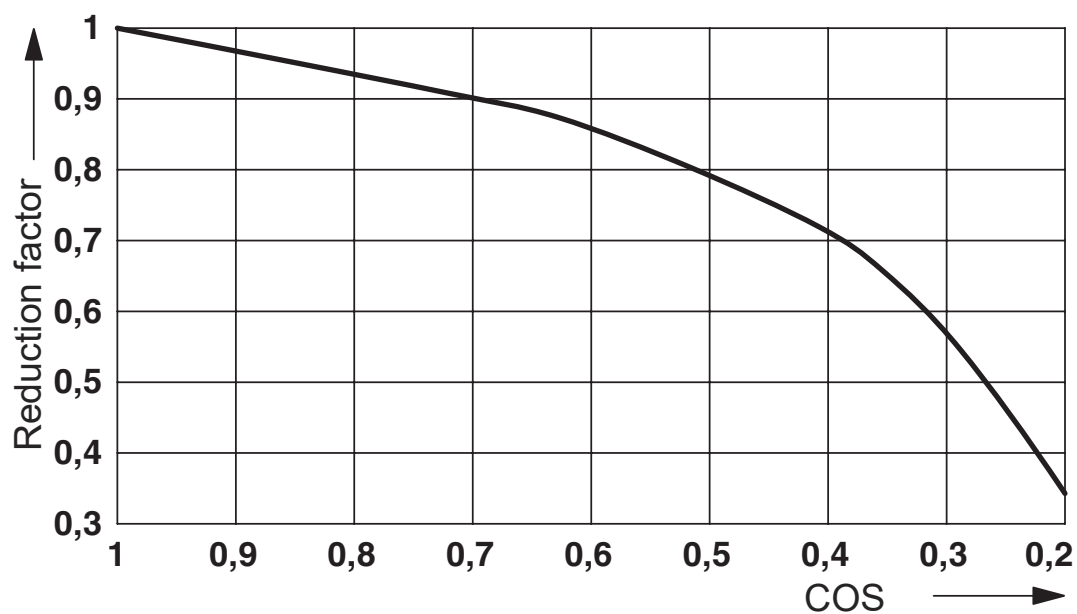
Assembly instructions	On relay base PR3
Mounting position	any

Desene



Electrical service life

Diagram



Service life reduction factor with various cos phi

Diagram



Permissible humidity for operation and storage.

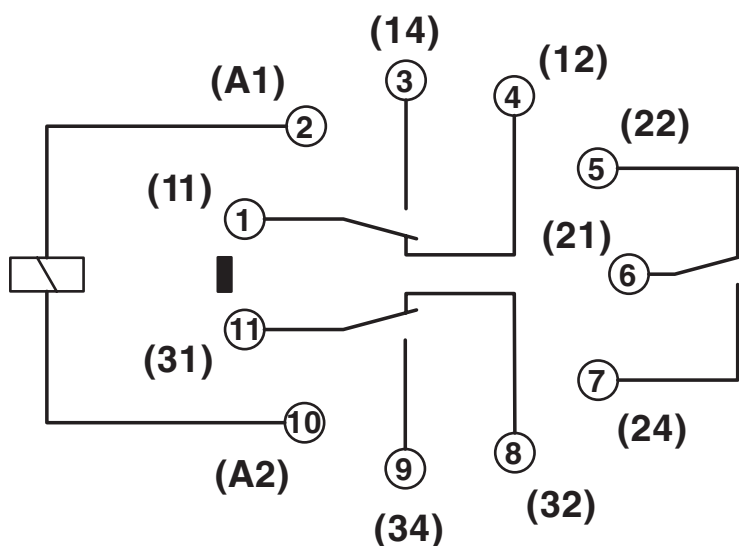
The maximum permissible ambient temperature as specified in the data sheet must be observed.

Area A: Ice buildup at ambient temperatures $\leq 0^{\circ}\text{C}$ must be prevented

Area B: Condensation at ambient temperatures $> 0^{\circ}\text{C}$ must be prevented

On 30 full days that are naturally distributed across an entire year, a humidity level of 95% is permissible at an ambient temperature $\leq 25^{\circ}\text{C}$.

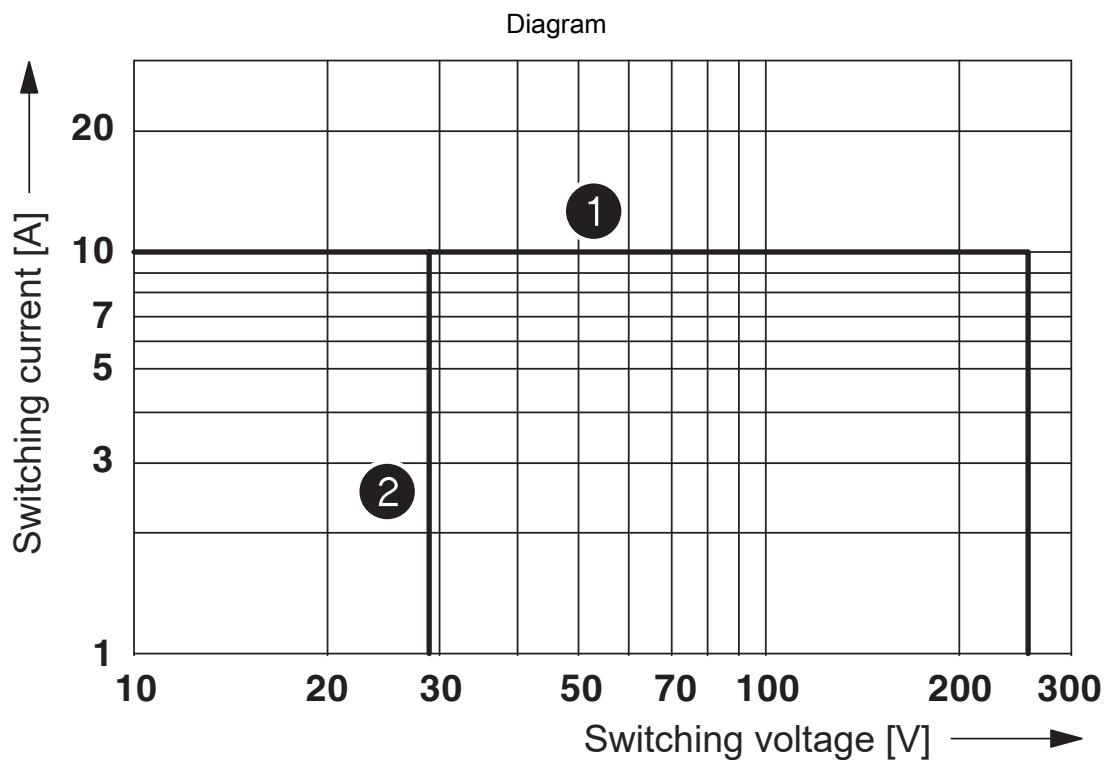
Circuit diagram



REL-OR- 24DC/3X21 - Single relay

2834274

<https://www.phoenixcontact.com/ro/produse/2834274>



- ① AC, ohmic load
- ② DC, ohmic load

Interrupting rating

REL-OR- 24DC/3X21 - Single relay



2834274

<https://www.phoenixcontact.com/ro/produse/2834274>

Clasificări

ECLASS

ECLASS-11.0	27371601
-------------	----------

ETIM

ETIM 8.0	EC001437
----------	----------

UNSPSC

UNSPSC 21.0	39122300
-------------	----------

REL-OR- 24DC/3X21 - Single relay



2834274

<https://www.phoenixcontact.com/ro/produse/2834274>

Environmental product compliance

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	Nu există substanțe periculoase peste valorile limită

EU REACH SVHC

Trimitere la substanța candidată REACH (nr. CAS)	Nicio substanță cu un procentaj masic mai mare de 0,1 %
--	---

Phoenix Contact 2024 © - Toate drepturile rezervate
<https://www.phoenixcontact.com>

PHOENIX CONTACT România
Splaiul Unirii 165 Timpuri Noi Square TNO1, Etaj 1
Bucuresti 030133
+40 21 350 88 12 - 3
sales.ro@phoenixcontact.com