

PR2-RSP3-LV-230AC/4X21AU - Relay module



2834795

<https://www.phoenixcontact.com/us/products/2834795>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Pre-assembled relay modules with spring-cage connection, consisting of a relay base, industrial relay with integrated LED and engage/disengage manual actuate lever, varistor module, and retaining bracket. Input voltage: 230 V AC, 4 changeover contacts with gold-plated contacts, 5 A

The figure shows the 24 V DC version

Your advantages

- With DC types, freewheeling diode is integrated in relay
- Relay with detectable manual operation and status LED
- Logical contact arrangement thanks to 1/3-level relay base
- Mechanical switch position indicator
- 4-changeover contact types with multi-layer gold contacts

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 2834795 |
| Packing unit | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | C463 |
| Product key | DK632H |
| GTIN | 4017918996314 |
| Weight per piece (including packing) | 141.24 g |
| Weight per piece (excluding packing) | 141.24 g |
| Customs tariff number | 85364900 |
| Country of origin | CN |

PR2-RSP3-LV-230AC/4X21AU - Relay module



2834795

<https://www.phoenixcontact.com/us/products/2834795>

Set consists of

PR2-BSP3/4X21 - Relay base

2833589

<https://www.phoenixcontact.com/us/products/2833589>



Relay base PR2-B, for industrial relay REL-IR with 2 or 4 changeover contacts, 1/3-level design, spring-cage connection, plug-in option for input/interference suppression modules, for mounting on NS 35/7,5

REL-IR/L-230AC/4X21AU - Single relay

2834148

<https://www.phoenixcontact.com/us/products/2834148>



Plug-in industrial relay with power contacts and additional hard gold plating, 4 changeover contacts, test button, status LED, mechanical switching position indicator, coil voltage: 230 V AC

PR2-RSP3-LV-230AC/4X21AU - Relay module

2834795

<https://www.phoenixcontact.com/us/products/2834795>



V-120-230UC - Plug-in module

2833880

<https://www.phoenixcontact.com/us/products/2833880>



Plug-in module, with varistor, input voltage: 120 ... 230 V AC/DC $\pm 20\%$

EL2-P35 - Retaining bracket

2833592

<https://www.phoenixcontact.com/us/products/2833592>



Relay retaining bracket, with eject function and integrated equipment marking area (8 x 25 mm), to suit relay base PR2, for 35 mm high industrial relay

Technical data

Product properties

| | |
|-------------------------|---------------------------|
| Product type | Relay Module |
| Application | Universal |
| Operating mode | 100% operating factor |
| Mechanical service life | 5x 10 ⁷ cycles |

Insulation characteristics

| | |
|----------------------|----|
| Overvoltage category | II |
| Pollution degree | 2 |

Data management status

| | |
|------------------------------|------------|
| Date of last data management | 12.09.2025 |
|------------------------------|------------|

Electrical properties

| | |
|---|--|
| Service life electrical | see diagram |
| Maximum power dissipation for nominal condition | 1.15 W |
| Test voltage (Winding/contact) | 2 kV AC (50 Hz, 1 min., winding/contact) |
| Test voltage (Contact/contact) | 2 kV AC (50 Hz, 1 min., contact/contact) |

Input data

Coil side

| | |
|---|------------------------------------|
| Nominal input voltage U _N | 230 V AC |
| Input voltage range | 179.4 V AC ... 345 V AC |
| Drive and function | monostable |
| Typical input current at U _N | 5 mA (at 50 Hz) 4 mA (At 60 Hz) |
| Typical response time | 4 ms ... 10 ms |
| Typical release time range | 3 ms ... 12 ms |
| Protective circuit | Varistor |
| Operating voltage display | LED red |

Output data

Switching

| | |
|-----------------------------|------------------------|
| Contact switching type | 4 changeover contacts |
| Type of switch contact | Single contact |
| Contact material | AgNi, hard gold-plated |
| Maximum switching voltage | 250 V AC/DC |
| Minimum switching voltage | 1 V |
| Limiting continuous current | 5 A |
| Maximum inrush current | 12 A (15 ms) |
| Min. switching current | 1 mA |

PR2-RSP3-LV-230AC/4X21AU - Relay module



2834795

<https://www.phoenixcontact.com/us/products/2834795>

| | |
|---------------------------------------|------------------------|
| Interrupting rating (ohmic load) max. | 120 W (at 24 V DC) |
| | 100 W (at 48 V DC) |
| | 78 W (at 60 V DC) |
| | 55 W (at 110 V DC) |
| | 80 W (at 220 V DC) |
| | 1250 VA (for 250 V AC) |

Connection data

Coil side

| | |
|----------------------------------|---|
| Connection method | Spring-cage connection |
| Stripping length | 12 mm |
| Conductor cross-section rigid | 0.2 mm ² ... 1.5 mm ² |
| Conductor cross-section flexible | 0.2 mm ² ... 1.5 mm ² |
| Conductor cross-section AWG | 24 ... 16 |

Contact side

| | |
|----------------------------------|---|
| Connection method | Spring-cage connection |
| Stripping length | 12 mm |
| Conductor cross-section rigid | 0.2 mm ² ... 1.5 mm ² |
| Conductor cross-section flexible | 0.2 mm ² ... 1.5 mm ² |
| Conductor cross-section AWG | 24 ... 16 |

Dimensions

| | |
|--------|-------|
| Width | 31 mm |
| Height | 95 mm |
| Depth | 84 mm |

Material specifications

| | |
|-------|------------------|
| Color | green (RAL 6021) |
|-------|------------------|

Environmental and real-life conditions

Ambient conditions

| | |
|---|------------------|
| Ambient temperature (operation) | -25 °C ... 60 °C |
| Ambient temperature (storage/transport) | -25 °C ... 70 °C |

Standards and regulations

| | |
|-----------------------|-----------|
| Standards/regulations | IEC 60664 |
| | EN 50178 |

Mounting

| | |
|-------------------|---------------------------|
| Mounting type | DIN rail mounting |
| Assembly note | in rows with zero spacing |
| Mounting position | any |

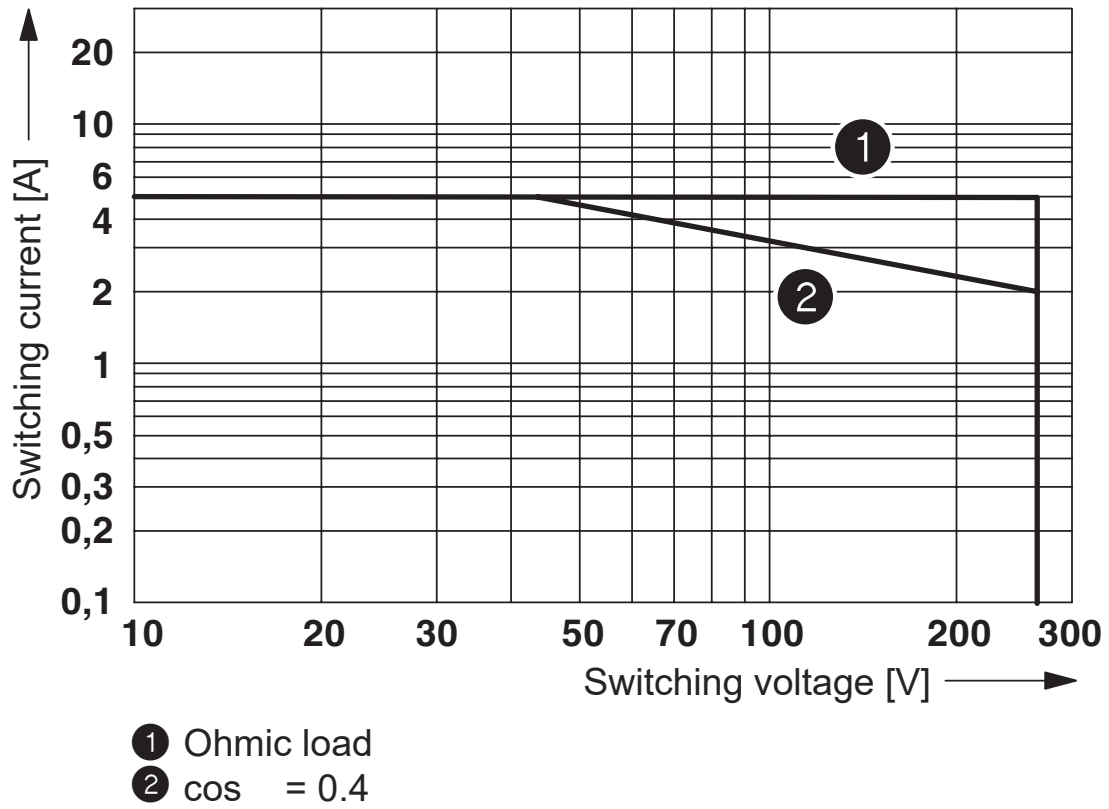
Drawings

Diagram

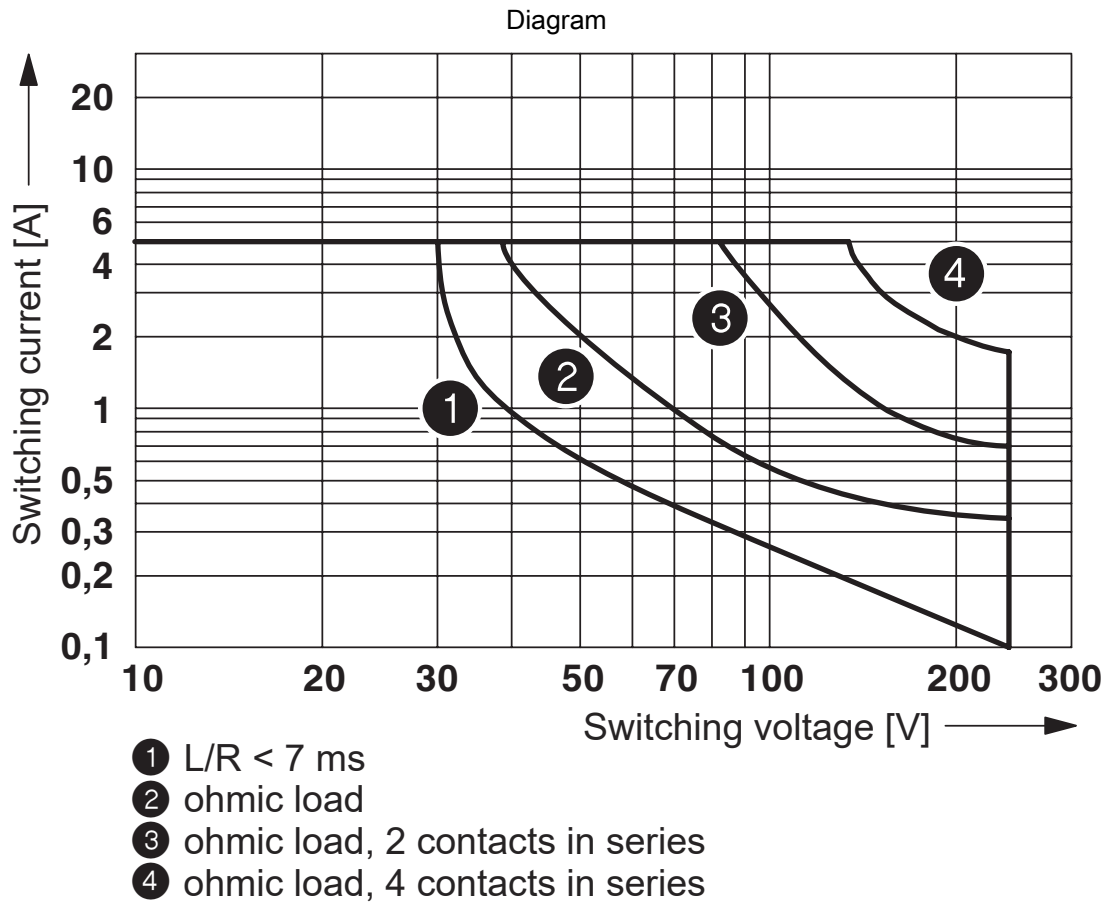


Operating voltage range of relay $T_u=T_{coil}$

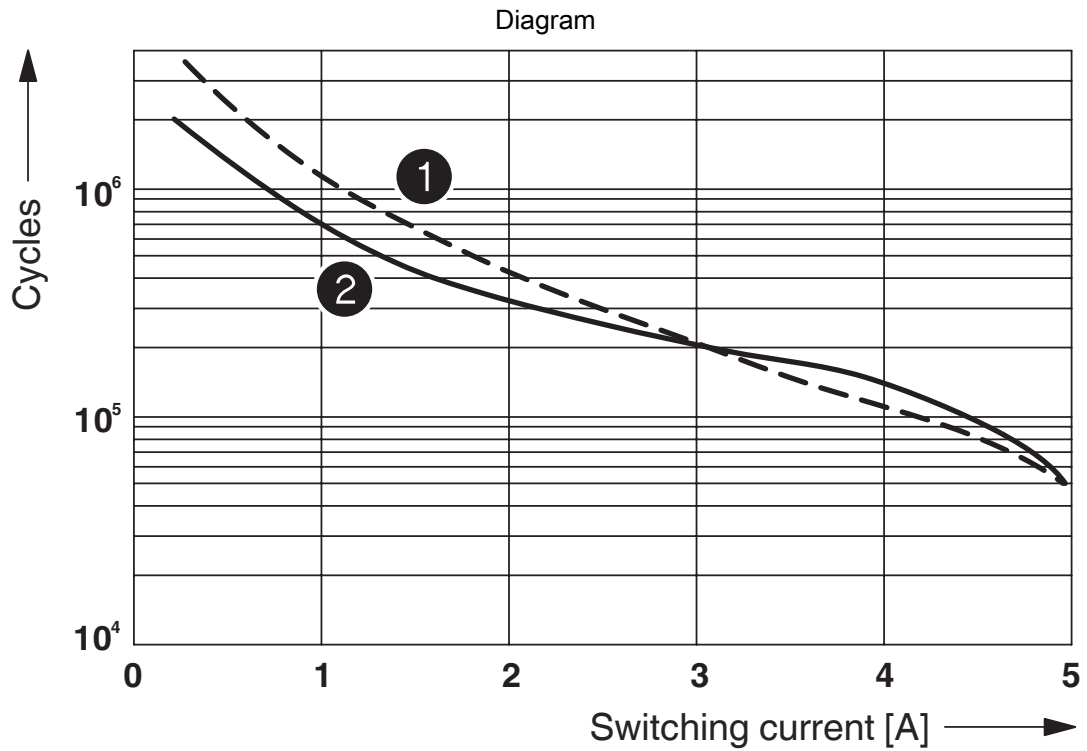
Diagram



AC interrupting rating



DC interrupting rating



- ① 250 V AC, ohmic load
- ② 30 V DC, ohmic load

Electrical service life

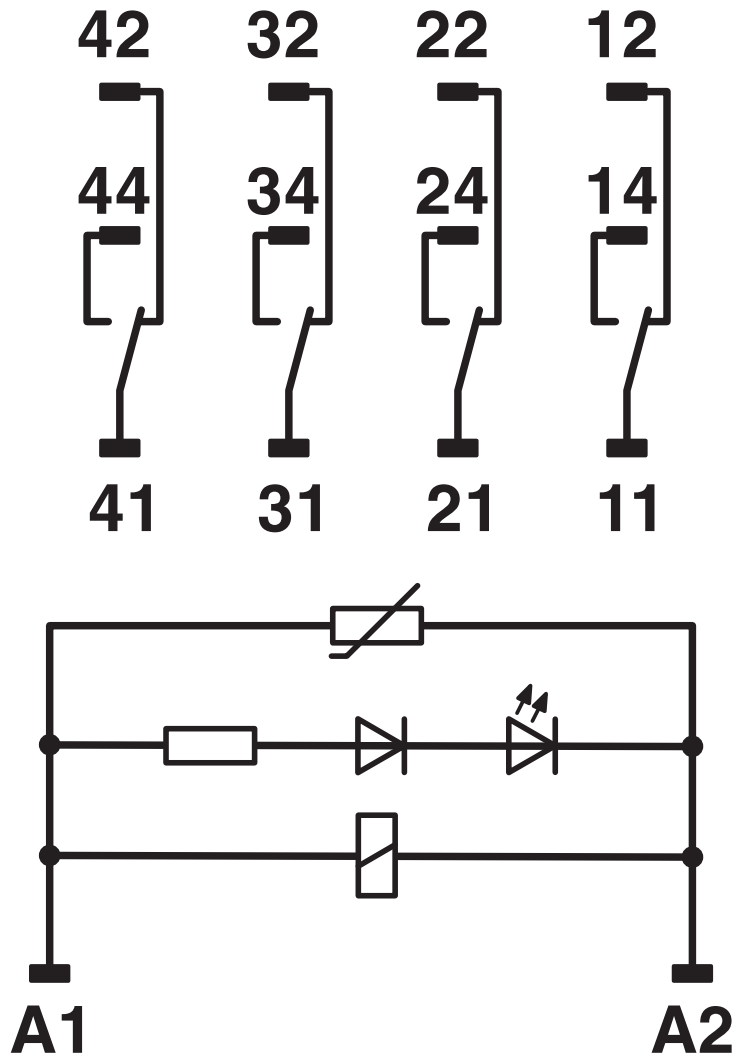
PR2-RSP3-LV-230AC/4X21AU - Relay module



2834795

<https://www.phoenixcontact.com/us/products/2834795>

Circuit diagram



PR2-RSP3-LV-230AC/4X21AU - Relay module



2834795

<https://www.phoenixcontact.com/us/products/2834795>

Classifications

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39122334 |
|-------------|----------|

PR2-RSP3-LV-230AC/4X21AU - Relay module



2834795

<https://www.phoenixcontact.com/us/products/2834795>

Environmental product compliance

China RoHS

| | |
|--|--|
| Environment friendly use period (EFUP) | EFUP-50 An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |
|--|--|

EU REACH SVHC

| | |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com