

# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



1078686  
<https://www.phoenixcontact.com/gb/products/1078686>

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Preamsembled relay module with Push-in connection, consisting of: relay base, power contact relay, plug-in display/interference suppression module, retaining bracket. Contact switching type: 1 N/O contact, max. inrush current up to 800 A, 24 V DC input voltage

## Product description

The relay module is particularly suitable for switching strong capacitive loads, such as LED lights. The ballasts installed in the LED lights often have extremely high switch-on peaks which cause standard relay contacts to fuse. The leading tungsten pre-contact ensures that switch-on currents of up to 800 A can be switched safely. The pluggable electromechanical and solid-state relays in the RIFLINE complete product range and the base are recognized and approved in accordance with UL 508. The relevant approvals can be called up at the individual components in question.

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 1078686             |
| Packing unit                         | 10 pc               |
| Minimum order quantity               | 1 pc                |
| Sales key                            | CK6529              |
| Product key                          | CK6529              |
| Catalog page                         | Page 336 (C-5-2019) |
| GTIN                                 | 4055626792170       |
| Weight per piece (including packing) | 69.6 g              |
| Weight per piece (excluding packing) | 69.6 g              |
| Customs tariff number                | 85364110            |
| Country of origin                    | CN                  |

# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



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Set consists of

RIF-1-BPT/2X21 - Relay base

2900931

<https://www.phoenixcontact.com/gb/products/2900931>



Relay base RIF-1...., for miniature power relay with 1 or 2 changeover contacts or solid-state relays of the same design, Push-in connection, plug-in option for input/interference suppression modules, for mounting on NS 35/7,5

## REL-MR- 24DC/ 1ICT - Single relay

2987338

<https://www.phoenixcontact.com/gb/products/2987338>



Pluggable miniature power relay, with tungsten pre-contact for high switch-on currents up to 800 A peaks, 1 N/O contact, input voltage: 24 V DC

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## RIF-LDP-12-24 DC - Plug-in module

2900939

<https://www.phoenixcontact.com/gb/products/2900939>



Plug-in module, for mounting on RIF-1, RIF-2, RIF-3, and RIF-4, with freewheeling diode and yellow LED, polarity: A1+, A2-, input voltage: 12 V DC ... 24 V DC  $\pm 30\%$

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## RIF-RH-1 - Retaining bracket

2900953

<https://www.phoenixcontact.com/gb/products/2900953>



Relay retaining bracket, with ejector function and holder for marking material, suitable for RIF-1 relay base, for 16 mm tall miniature power relay and solid-state relay

## Technical data

### Notes

|         |                                                                                                                                                                                                                                                                             |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General | FBS 2-6... plug-in bridge for the input side (A2) and FBS-2-8... plug-in bridge for the output side (11/21)                                                                                                                                                                 |
| General | At least a basic level of insulation is maintained against adjacent modules in the DIN rail direction. If the application has higher requirements on the insulation (reinforced insulation), then these must be realized through suitable measures (e.g. partition plates). |
| General | The system installer must ensure the touch protection of the product (at voltages > 25 V AC/60 V DC). The product is a built-in device without protection against direct contact.                                                                                           |

### Product properties

|                         |                           |
|-------------------------|---------------------------|
| Product type            | Relay Module              |
| Product family          | RIFLINE complete          |
| Application             | high inrush currents      |
| Operating mode          | 100% operating factor     |
| Mechanical service life | 3x 10 <sup>7</sup> cycles |

#### Insulation characteristics

|            |                                       |
|------------|---------------------------------------|
| Insulation | Safe isolation, reinforced insulation |
|------------|---------------------------------------|

#### Insulation characteristics: Standards/regulations

|                      |                                       |
|----------------------|---------------------------------------|
| Insulation           | Safe isolation, reinforced insulation |
| Overvoltage category | III                                   |
| Pollution degree     | 2                                     |

### Electrical properties

|                                                 |                                          |
|-------------------------------------------------|------------------------------------------|
| Maximum power dissipation for nominal condition | 0.43 W                                   |
| Test voltage (Winding/contact)                  | 4 kV AC (50 Hz, 1 min., winding/contact) |

#### Standards/regulations

|                     |      |
|---------------------|------|
| Rated surge voltage | 6 kV |
|---------------------|------|

### Input data

#### Coil side

|                                           |                                 |
|-------------------------------------------|---------------------------------|
| Nominal input voltage $U_N$               | 24 V DC                         |
| Input voltage range                       | 19.2 V DC ... 33.6 V DC (20 °C) |
| Input voltage range in reference to $U_N$ | see diagram                     |
| Drive and function                        | monostable                      |
| Drive (polarity)                          | polarized                       |
| Typical input current at $U_N$            | 18 mA                           |
| Typical response time                     | 8 ms                            |
| Typical release time                      | 10 ms                           |

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|                           |                                                        |
|---------------------------|--------------------------------------------------------|
| Coil voltage              | 24 V DC                                                |
| Protective circuit        | Reverse polarity protection; Polarity protection diode |
|                           | Surge protection; Freewheeling diode                   |
| Operating voltage display | Yellow LED                                             |

## Output data

### Switching

|                                                |                                                                                                     |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Contact switching type                         | 1 N/O contact                                                                                       |
| Type of switch contact                         | Single contact                                                                                      |
| Note regarding the switch contact              | With tungsten leading contact                                                                       |
| Contact material                               | AgSnO                                                                                               |
| Maximum switching voltage                      | 250 V AC/DC                                                                                         |
| Minimum switching voltage                      | 12 V (100 mA)                                                                                       |
| Limiting continuous current                    | 6 A                                                                                                 |
|                                                | 10 A (Value is permissible if connections 11 and 21, as well as connections 14 and 24 are bridged.) |
| Maximum inrush current                         | 165 A (20 ms)                                                                                       |
|                                                | 800 A (200 µs)                                                                                      |
| Min. switching current                         | 100 mA (12 V DC)                                                                                    |
| Interrupting rating (ohmic load) max.          | 264 W (at 24 V DC, observe contact derating)                                                        |
|                                                | 58 W (at 48 V DC)                                                                                   |
|                                                | 48 W (at 60 V DC)                                                                                   |
|                                                | 50 W (at 110 V DC)                                                                                  |
|                                                | 80 W (at 220 V DC)                                                                                  |
|                                                | 2750 VA (at 250 V AC, observe contact derating)                                                     |
| Switching capacity min.                        | 1200 mW                                                                                             |
| Utilization category CB Scheme (IEC 60947-5-1) | AC15, 6 A/250 V (N/O contact)                                                                       |
|                                                | DC13, 2 A/24 V (N/O contact)                                                                        |

## Connection data

|                                  |                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Connection method                | Push-in connection                                                                                                |
| Stripping length                 | 8 mm                                                                                                              |
| Conductor cross section rigid    | 0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>                                                                      |
| Conductor cross section flexible | 0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>                                                                      |
|                                  | 0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (Ferrule with plastic sleeve)                                        |
|                                  | 0.14 mm <sup>2</sup> ... 1 mm <sup>2</sup> (Ferrule with plastic sleeve, two conductors on double terminal block) |
| Conductor cross section AWG      | 26 ... 16 (solid)                                                                                                 |
|                                  | 26 ... 16 (flexible)                                                                                              |

## Dimensions

### Drill hole

|          |        |
|----------|--------|
| Diameter | 3.2 mm |
| Width    | 16 mm  |

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|        |       |
|--------|-------|
| Height | 96 mm |
| Depth  | 75 mm |

## Material specifications

|       |                 |
|-------|-----------------|
| Color | gray (RAL 7042) |
|-------|-----------------|

## Environmental and real-life conditions

### Ambient conditions

|                                              |                                |
|----------------------------------------------|--------------------------------|
| Degree of protection (Relay)                 | RT II (Relay)                  |
| Degree of protection (Relay base)            | IP20 (Relay base)              |
| Degree of protection (Installation location) | ≥ IP54 (Installation location) |
| Ambient temperature (operation)              | -40 °C ... 70 °C               |
| Ambient temperature (storage/transport)      | -40 °C ... 85 °C               |
| Altitude                                     | ≤ 2000 m                       |

## Approvals

### Corrosive gas test

|                |                            |
|----------------|----------------------------|
| Identification | ISA-S71.04. G3 Harsh Group |
|                | EN 60068-2-60              |

## Standards and regulations

### Standards/regulations

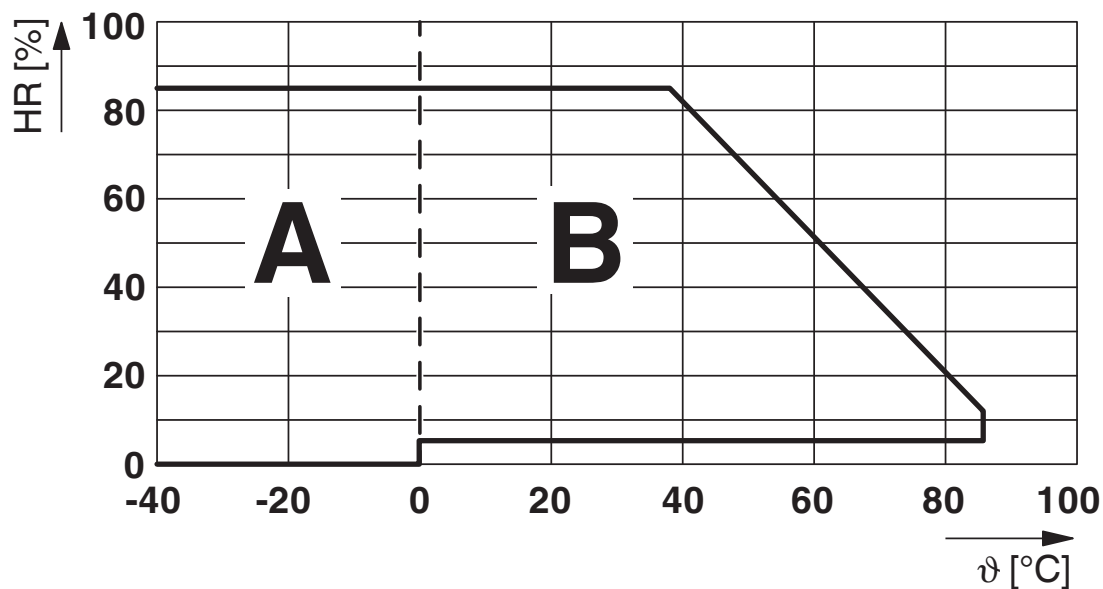
|                       |               |
|-----------------------|---------------|
| Standards/regulations | IEC 60947-5-1 |
|-----------------------|---------------|

## Mounting

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

## Drawings

Diagram



Permissible humidity for operation and storage.

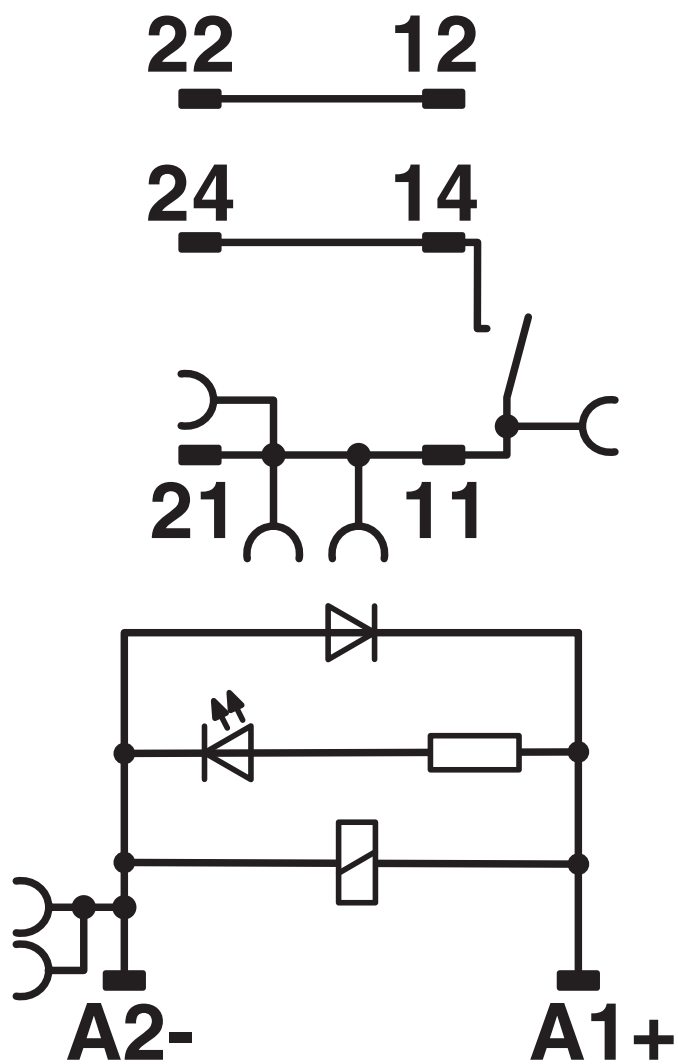
The maximum permissible ambient temperature as specified in the data sheet must be observed.

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

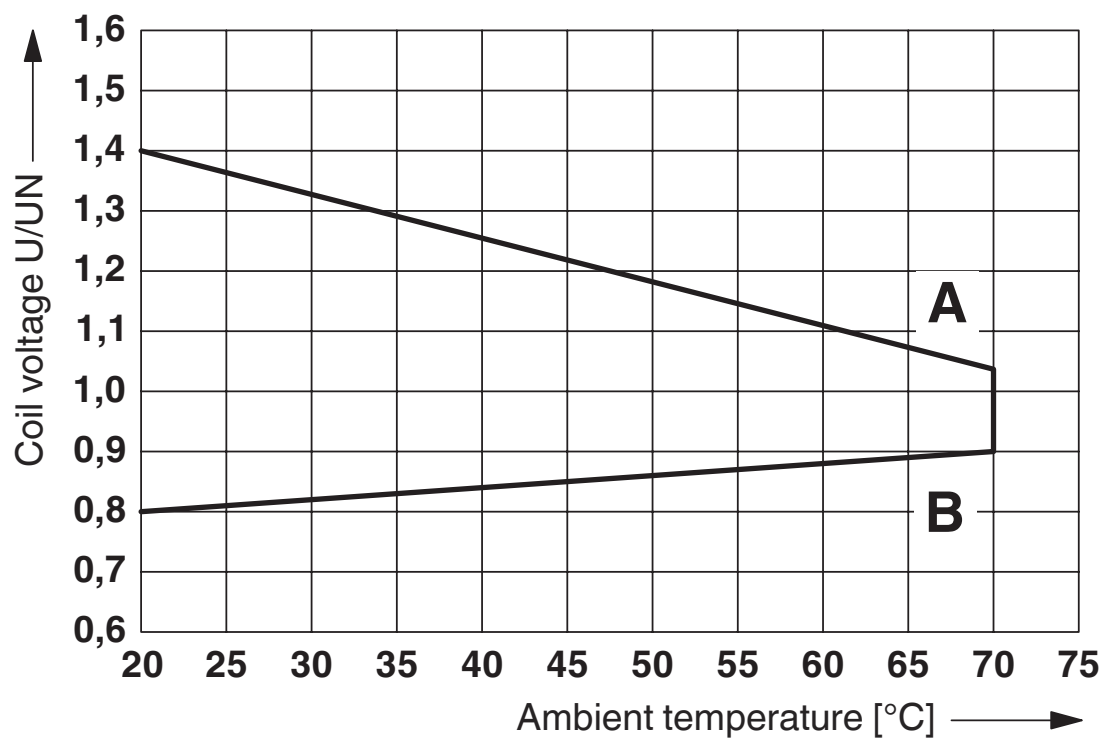
Area B: Condensation at ambient temperatures  $> 0^{\circ}\text{C}$  must be prevented

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



Diagram

**Curve A**

Maximum permissible continuous voltage  $U_{\text{max}}$  with limiting continuous current on the contact side (see relevant technical data)

**Curve B**

Minimum permissible operate voltage  $U_{\text{op}}$  after pre-excitation (see relevant technical data)

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/1078686>



**EAC**

Approval ID: TR\_TS\_D\_00573\_c

# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27371601 |
| ECLASS-12.0 | 27371601 |
| ECLASS-13.0 | 27371601 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC001437 |
|----------|----------|

### UNSPSC

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

# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



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## Environmental product compliance

|            |                                                                                                              |
|------------|--------------------------------------------------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1                                                                                               |
| China RoHS | Environmentally Friendly Use Period = 50 years                                                               |
|            | For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads" |

# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



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## Accessories

### FBS 2-6 - Plug-in bridge

3030336

<https://www.phoenixcontact.com/gb/products/3030336>



Plug-in bridge, pitch: 6.2 mm, number of positions: 2, color: red

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### FBS 2-6 BU - Plug-in bridge

3036932

<https://www.phoenixcontact.com/gb/products/3036932>



Plug-in bridge, pitch: 6.2 mm, number of positions: 2, color: blue

# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



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<https://www.phoenixcontact.com/gb/products/1078686>

## FBS 2-6 GY - Plug-in bridge

3032237

<https://www.phoenixcontact.com/gb/products/3032237>



Plug-in bridge, pitch: 6.2 mm, number of positions: 2, color: gray

---

## FBS 2-8 - Plug-in bridge

3030284

<https://www.phoenixcontact.com/gb/products/3030284>



Plug-in bridge, pitch: 8.2 mm, number of positions: 2, color: red

# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



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<https://www.phoenixcontact.com/gb/products/1078686>

## FBS 2-8 BU - Plug-in bridge

3032567

<https://www.phoenixcontact.com/gb/products/3032567>



Plug-in bridge, pitch: 8.2 mm, number of positions: 2, color: blue

---

## FBS 2-8 GY

## 7042 - Plug-in bridge

3032541

<https://www.phoenixcontact.com/gb/products/3032541>



Bridge for potential distribution

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<https://www.phoenixcontact.com/gb/products/1078686>

## STP 5-2 - Marker carriers

0800967

<https://www.phoenixcontact.com/gb/products/0800967>



Marker carriers, snaps into STTB 2,5, STTB 4, PTTB 2,5, and PTTB 4 double-level spring-cage terminal blocks, can be marked with UC-TM 5, UC-TMF 5, UCT-TM 5, UCT-TMF 5, ZB 5, or ZBF 5, gray, unlabeled, mounting type: plug in, lettering field size: 5 x 10.5 mm

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## RIF-1-V8/PT/FLK14/OUT - System connection

2905195

<https://www.phoenixcontact.com/gb/products/2905195>



V8 adapter for 8 x RIF-1 relay base, controller: PLC system cabling of output cards, connection 1: Push-in connection 4x, connection 2: IDC/FLK pin strip 1x 14-position, connection 3: Plug-in connection, number of channels: 8, control logic: plusschaltend

# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



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<https://www.phoenixcontact.com/gb/products/1078686>

## NS 35/ 7,5 PERF 2000MM - DIN rail perforated

0801733

<https://www.phoenixcontact.com/gb/products/0801733>



DIN rail perforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

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## NS 35/ 7,5 UNPERF 2000MM - DIN rail, unperforated

0801681

<https://www.phoenixcontact.com/gb/products/0801681>



DIN rail, unperforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



1078686

<https://www.phoenixcontact.com/gb/products/1078686>

## NS 35/ 7,5 WH PERF 2000MM - DIN rail perforated

1204119

<https://www.phoenixcontact.com/gb/products/1204119>



DIN rail perforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver

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## NS 35/ 7,5 WH UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1204122

<https://www.phoenixcontact.com/gb/products/1204122>



DIN rail, unperforated, Pack of 10 (20 m), acc. to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver

# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



1078686

<https://www.phoenixcontact.com/gb/products/1078686>

## NS 35/ 7,5 AL UNPERF 2000MM - DIN rail, unperforated

0801704

<https://www.phoenixcontact.com/gb/products/0801704>



DIN rail, unperforated, Pack of 25 (50 m), acc. to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver

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## NS 35/ 7,5 ZN PERF 2000MM - DIN rail perforated

1206421

<https://www.phoenixcontact.com/gb/products/1206421>



DIN rail perforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, galvanized, Standard profile, color: silver

# RIF-1-RPT-LDP-24DC/1ICT - Relay Module

1078686

<https://www.phoenixcontact.com/gb/products/1078686>



## NS 35/ 7,5 ZN UNPERF 2000MM - DIN rail, unperforated

1206434

<https://www.phoenixcontact.com/gb/products/1206434>



DIN rail, unperforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, galvanized, Standard profile, color: silver

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## NS 35/ 7,5 CU UNPERF 2000MM-VPE 10 - DIN rail, unperforated

0801762

<https://www.phoenixcontact.com/gb/products/0801762>



DIN rail, unperforated, Pack of 10 (20 m), acc. to EN 60715, material: Copper, uncoated, Standard profile, color: copper-colored

# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



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<https://www.phoenixcontact.com/gb/products/1078686>

## NS 35/ 7,5 CAP - End cap

1206560

<https://www.phoenixcontact.com/gb/products/1206560>

DIN rail end piece, for DIN rail NS 35/7.5



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## NS 35/15 PERF 2000MM - DIN rail perforated

1201730

<https://www.phoenixcontact.com/gb/products/1201730>



DIN rail perforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



1078686

<https://www.phoenixcontact.com/gb/products/1078686>

## NS 35/15 UNPERF 2000MM - DIN rail, unperforated

1201714

<https://www.phoenixcontact.com/gb/products/1201714>



DIN rail, unperforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

---

## NS 35/15 WH PERF 2000MM - DIN rail perforated

0806602

<https://www.phoenixcontact.com/gb/products/0806602>



DIN rail perforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: white

# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



1078686

<https://www.phoenixcontact.com/gb/products/1078686>

## NS 35/15 WH UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1204135

<https://www.phoenixcontact.com/gb/products/1204135>



DIN rail, unperforated, Pack of 10 (20 m), similar to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver

---

## NS 35/15 AL UNPERF 2000MM - DIN rail, unperforated

1201756

<https://www.phoenixcontact.com/gb/products/1201756>



DIN rail, unperforated, similar to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver

# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



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<https://www.phoenixcontact.com/gb/products/1078686>

## NS 35/15 ZN PERF 2000MM - DIN rail perforated

1206599

<https://www.phoenixcontact.com/gb/products/1206599>



DIN rail perforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, galvanized, Standard profile, color: silver

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## NS 35/15 ZN UNPERF 2000MM - DIN rail, unperforated

1206586

<https://www.phoenixcontact.com/gb/products/1206586>



DIN rail, unperforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, galvanized, Standard profile, color: silver

# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



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## NS 35/15 CU UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1201895

<https://www.phoenixcontact.com/gb/products/1201895>



DIN rail, unperforated, Pack of 10 (20 m), similar to EN 60715, material: Copper, uncoated, Standard profile, color: copper-colored

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## NS 35/15 CAP - End cap

1206573

<https://www.phoenixcontact.com/gb/products/1206573>

DIN rail end piece, for DIN rail NS 35/15



# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



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## NS 35/15-2,3 UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1201798

<https://www.phoenixcontact.com/gb/products/1201798>



DIN rail, unperforated, Pack of 10 (20 m), acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile 2.3 mm, color: silver

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## MPS-MT - Test plug

0201744

<https://www.phoenixcontact.com/gb/products/0201744>



Test plug, with solder connection up to 1 mm<sup>2</sup> conductor cross section, number of positions: 1, color: gray

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## MPS-IH WH - Insulating sleeve

0201663

<https://www.phoenixcontact.com/gb/products/0201663>

Insulating sleeve, color: white



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## MPS-IH RD - Insulating sleeve

0201676

<https://www.phoenixcontact.com/gb/products/0201676>

Insulating sleeve, color: red



# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



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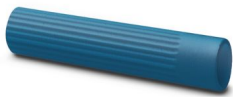
<https://www.phoenixcontact.com/gb/products/1078686>

## MPS-IH BU - Insulating sleeve

0201689

<https://www.phoenixcontact.com/gb/products/0201689>

Insulating sleeve, color: blue



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## MPS-IH YE - Insulating sleeve

0201692

<https://www.phoenixcontact.com/gb/products/0201692>

Insulating sleeve, color: yellow



# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



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## MPS-IH GN - Insulating sleeve

0201702

<https://www.phoenixcontact.com/gb/products/0201702>

Insulating sleeve, color: green



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## MPS-IH GY - Insulating sleeve

0201728

<https://www.phoenixcontact.com/gb/products/0201728>

Insulating sleeve, color: gray



# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



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## MPS-IH BK - Insulating sleeve

0201731

<https://www.phoenixcontact.com/gb/products/0201731>

Insulating sleeve, color: black



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## ZB 5 :UNBEDRUCKT - Zack marker strip

1050004

<https://www.phoenixcontact.com/gb/products/1050004>



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.1 x 10.5 mm, Number of individual labels: 10

# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



1078686

<https://www.phoenixcontact.com/gb/products/1078686>

## ZB 5 CUS - Zack marker strip

0824962

<https://www.phoenixcontact.com/gb/products/0824962>



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm, Number of individual labels: 10

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## ZB 5,LGS:FORTL.ZAHLEN - Zack marker strip

1050017

<https://www.phoenixcontact.com/gb/products/1050017>



Zack marker strip, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm, Number of individual labels: 10

# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



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<https://www.phoenixcontact.com/gb/products/1078686>

## ZB 5,QR:FORTL.ZAHLEN - Zack marker strip

1050020

<https://www.phoenixcontact.com/gb/products/1050020>



Zack marker strip, white, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm

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## ZB 5,LGS:GLEICHE ZAHLEN - Zack marker strip

1050033

<https://www.phoenixcontact.com/gb/products/1050033>



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: Identical numbers 1 or 2, etc. up to 100, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm, Number of individual labels: 10

# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



1078686

<https://www.phoenixcontact.com/gb/products/1078686>

## ZB 5,LGS:L1-N,PE - Zack marker strip

1050415

<https://www.phoenixcontact.com/gb/products/1050415>



Zack marker strip, Strip, white, labeled, horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm, Number of individual labels: 10

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## UC-TM 5 - Marker for terminal blocks

0818108

<https://www.phoenixcontact.com/gb/products/0818108>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 4.6 x 10.5 mm, Number of individual labels: 96

# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



1078686

<https://www.phoenixcontact.com/gb/products/1078686>

## UC-TM 5 CUS - Marker for terminal blocks

0824581

<https://www.phoenixcontact.com/gb/products/0824581>



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 5.2 mm, lettering field size: 10.5 x 4.6 mm, Number of individual labels: 96

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## UCT-TM 5 - Marker for terminal blocks

0828734

<https://www.phoenixcontact.com/gb/products/0828734>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 4.6 x 10.5 mm, Number of individual labels: 72

## RIF-1-RPT-LDP-24DC/1ICT - Relay Module

1078686

<https://www.phoenixcontact.com/gb/products/1078686>



## UCT-TM 5 CUS - Marker for terminal blocks

0829595

<https://www.phoenixcontact.com/gb/products/0829595>



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 5.2 mm, lettering field size: 4.6 x 10.5 mm, Number of individual labels: 72

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## GBS 5-25X12 - Group marker label for terminal marking

0810588

<https://www.phoenixcontact.com/gb/products/0810588>



Group marker label, snaps onto terminal center for screw, spring-cage and quick connection terminal blocks, labeled with a 25 x 12 mm label or manually with the B-STIFT, in the foot part with ZB 5

# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



1078686

<https://www.phoenixcontact.com/gb/products/1078686>

## GBS 5-25X5 - Group marker label for terminal marking

0829126

<https://www.phoenixcontact.com/gb/products/0829126>



Group marking label, can be snapped into terminal center for screw, spring-cage, push-in, and fast connection terminal blocks, can be labeled with a 24 x 4 mm label or manually using B-STIFT, in the foot part with ZB 5

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## STP 5-2-ZB - Marker carriers

3037643

<https://www.phoenixcontact.com/gb/products/3037643>



Marker carriers, snaps into ST 2,5 spring-cage terminal blocks, can be marked with UC-TM 5, UC-TMF 5, UCT-TM 5, UCT-TMF 5, ZB 5, or ZBF 5, gray, unlabeled, mounting type: snapped

# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



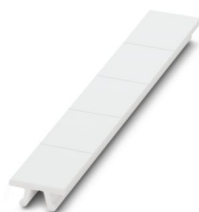
1078686

<https://www.phoenixcontact.com/gb/products/1078686>

## ZB 15:UNBEDRUCKT - Zack marker strip

0811972

<https://www.phoenixcontact.com/gb/products/0811972>



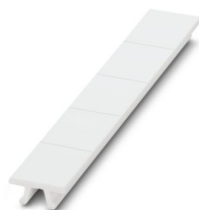
Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 15.2 mm, lettering field size: 10.5 x 15.1 mm, Number of individual labels: 5

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## ZB 15 CUS - Zack marker strip

0824945

<https://www.phoenixcontact.com/gb/products/0824945>



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 15.2 mm, lettering field size: 10.5 x 15.1 mm, Number of individual labels: 5

# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



1078686

<https://www.phoenixcontact.com/gb/products/1078686>

## ZB 15,LGS:L1-N,PE - Zack marker strip

0811998

<https://www.phoenixcontact.com/gb/products/0811998>



Zack marker strip, Strip, white, labeled, printed horizontally: L1, L2, L3, N, PE, mounting type: snapped, for terminal block width: 15.2 mm, lettering field size: 10.5 x 15.1 mm, Number of individual labels: 5

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## UC-TM 16 - Marker for terminal blocks

0819217

<https://www.phoenixcontact.com/gb/products/0819217>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 16 mm, lettering field size: 15.45 x 10.5 mm, Number of individual labels: 32

# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



1078686

<https://www.phoenixcontact.com/gb/products/1078686>

## UC-TMF 16 - Marker for terminal blocks

0819262

<https://www.phoenixcontact.com/gb/products/0819262>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 16 mm, lettering field size: 15.45 x 5.1 mm, Number of individual labels: 32

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## RIF-1-BPT/2X21 - Relay base

2900931

<https://www.phoenixcontact.com/gb/products/2900931>



Relay base RIF-1..., for miniature power relay with 1 or 2 changeover contacts or solid-state relays of the same design, Push-in connection, plug-in option for input/interference suppression modules, for mounting on NS 35/7,5

# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



1078686

<https://www.phoenixcontact.com/gb/products/1078686>

## REL-MR- 24DC/ 1ICT - Single relay

2987338

<https://www.phoenixcontact.com/gb/products/2987338>



Pluggable miniature power relay, with tungsten pre-contact for high switch-on currents up to 800 A peaks, 1 N/O contact, input voltage: 24 V DC

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## RIF-LDP-12-24 DC - Plug-in module

2900939

<https://www.phoenixcontact.com/gb/products/2900939>



Plug-in module, for mounting on RIF-1, RIF-2, RIF-3, and RIF-4, with freewheeling diode and yellow LED, polarity: A1+, A2-, input voltage: 12 V DC ... 24 V DC  $\pm 30\%$

# RIF-1-RPT-LDP-24DC/1ICT - Relay Module



1078686

<https://www.phoenixcontact.com/gb/products/1078686>

## RIF-RH-1 - Retaining bracket

2900953

<https://www.phoenixcontact.com/gb/products/2900953>



Relay retaining bracket, with ejector function and holder for marking material, suitable for RIF-1 relay base, for 16 mm tall miniature power relay and solid-state relay

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