

# ECOR-2-BSC2-RT/4X21 - Relay base

2908214

<https://www.phoenixcontact.com/us/products/2908214>



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ECOR-2 relay base, for industrial relays with four changeover contacts, bolt connection, for mounting on NS 35/7,5



## Commercial data

Item number	2908214
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	C463
Product key	DKF313
GTIN	4055626289144
Weight per piece (including packing)	55.07 g
Weight per piece (excluding packing)	50.5 g
Customs tariff number	85366990
Country of origin	CN

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## Technical data

### Product properties

Product type	Relay socket
Product family	ESSENTIAL edition

### Electrical properties

Nominal voltage $U_N$	250 V AC/DC
Nominal current $I_N$	5 A

### Connection data

#### Input side

Connection method	Bolt connection
Stripping length	8 mm
Screw thread	M3
Conductor cross-section rigid	2x 0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> (without ferrule) 2x 0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (with ferrule)
Conductor cross-section flexible	2x 0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> (without ferrule) 2x 0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (with ferrule)

#### Output side

Connection method	Bolt connection
Stripping length	8 mm
Screw thread	M3
Conductor cross-section rigid	2x 0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> (without ferrule) 2x 0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (with ferrule)
Conductor cross-section flexible	2x 0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> (without ferrule) 2x 0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (with ferrule)

### Dimensions

Width	29.8 mm
Height	64.9 mm
Depth Retaining bracket	63 mm (ECOR-RHM-2)

### Material specifications

Color	traffic grey B (RAL 7043)
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### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 55 °C

### Mounting

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Mounting type	DIN rail mounting
Mounting position	any

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## Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2908214>



**cUL Recognized**

Approval ID: FILE E 113228



**UL Recognized**

Approval ID: FILE E 113228



**EAC**

Approval ID: RU C-DE.\*\*08.B.01419



**cULus Recognized**

Approval ID: E113228

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## Classifications

### ECLASS

ECLASS-13.0	27371603
ECLASS-15.0	27371603

### ETIM

ETIM 9.0	EC001456
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### UNSPSC

UNSPSC 21.0	39122300
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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### EF3.0 Climate Change

CO2e kg	1.018 kg CO2e
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## Mandatory accessories

### REL-IR-BL/L- 12DC/4X21 - Single relay

1109557

<https://www.phoenixcontact.com/us/products/1109557>



Plug-in industrial relay in basic design with power contacts, 4 changeover contacts, test button, status LED, mechanical switch position indicator, polarity A1+, A2-, input voltage: 12 V DC

### REL-IR-BL- 24DC/4X21 - Single relay

1032521

<https://www.phoenixcontact.com/us/products/1032521>



Plug-in industrial relay in basic design with power contacts, 4 changeover contacts, test key, mechanical switch position indicator, polarity A1+, A2-, input voltage: 24 V DC

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REL-IR-BL/L- 24DC/4X21 - Single relay

1032527

<https://www.phoenixcontact.com/us/products/1032527>



Plug-in industrial relay with power contacts, 4 changeover contacts, test button, status LED, mechanical switch position indicator, input voltage: 24 V DC

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REL-IR-BL/L- 48DC/4X21 - Single relay

1109558

<https://www.phoenixcontact.com/us/products/1109558>



Plug-in industrial relay in basic design with power contacts, 4 changeover contacts, test button, status LED, mechanical switch position indicator, polarity A1+, A2-, input voltage: 48 V DC

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# ECOR-2-BSC2-RT/4X21 - Relay base



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## REL-IR-BL/L-110DC/4X21 - Single relay

1109560

<https://www.phoenixcontact.com/us/products/1109560>



Plug-in industrial relay in basic design with power contacts, 4 changeover contacts, test button, status LED, mechanical switch position indicator, polarity A1+, A2-, input voltage: 110 V DC

## REL-IR-BL/L-125DC/4X21 - Single relay

1109561

<https://www.phoenixcontact.com/us/products/1109561>



Plug-in industrial relay in basic design with power contacts, 4 changeover contacts, test button, status LED, mechanical switch position indicator, polarity A1+, A2-, input voltage: 125 V DC

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## REL-IR-BL/L-220DC/4X21 - Single relay

1109562

<https://www.phoenixcontact.com/us/products/1109562>



Plug-in industrial relay in basic design with power contacts, 4 changeover contacts, test button, status LED, mechanical switch position indicator, polarity A1+, A2-, input voltage: 220 V DC

## REL-IR-BL/L- 24AC/4X21 - Single relay

1109563

<https://www.phoenixcontact.com/us/products/1109563>



Plug-in industrial relay in basic design with power contacts, 4 changeover contacts, test button, status LED, mechanical switch position indicator, input voltage: 24 V AC

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## REL-IR-BL/L-115AC/4X21 - Single relay

1109564

<https://www.phoenixcontact.com/us/products/1109564>



Plug-in industrial relay in basic design with power contacts, 4 changeover contacts, test button, status LED, mechanical switch position indicator, input voltage: 115 V AC

## REL-IR-BL-230AC/4X21 - Single relay

1032529

<https://www.phoenixcontact.com/us/products/1032529>



Plug-in industrial relay in basic design with power contacts, 4 changeover contacts, test key, mechanical switch position indicator, input voltage: 230 V AC

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## REL-IR-BL/L-230AC/4X21 - Single relay

1032531

<https://www.phoenixcontact.com/us/products/1032531>



Plug-in industrial relay with power contacts, 4 changeover contacts, test button, status LED, mechanical switch position indicator, input voltage: 230 V AC

## Accessories

### DB 50- 90 BU - Wire bridge

2821180

<https://www.phoenixcontact.com/us/products/2821180>

Flexible wire loop bridge, 50-pos., conductor cross-section: 0.5 mm<sup>2</sup>, loop length: 90 mm, ferrule length: 8 mm, color: blue



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## DB 50- 90 BK - Wire bridge

2820916

<https://www.phoenixcontact.com/us/products/2820916>

Flexible wire loop bridge, 50-pos., conductor cross-section: 0.5 mm<sup>2</sup>, loop length: 90 mm, ferrule length: 8 mm, color: black



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## DB 50- 90 GY - Wire bridge

2820929

<https://www.phoenixcontact.com/us/products/2820929>

Flexible wire loop bridge, 50-pos., conductor cross-section: 0.5 mm<sup>2</sup>, loop length: 90 mm, ferrule length: 8 mm, color: gray



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