

ECOR-2-BSC3/4X21 - Relay base

2907521

<https://www.phoenixcontact.com/us/products/2907521>



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ECOR-2 relay base, for industrial relay with 2 or 4 changeover contacts, screw connection, plug-in option for input/interference suppression modules, for mounting on NS 35/7,5

Commercial data

Item number	2907521
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	C463
Product key	DKF313
GTIN	4055626214382
Weight per piece (including packing)	76.2 g
Weight per piece (excluding packing)	78.94 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	300 V AC/DC
Nominal current I_N	12 A

Connection data

Input side

Connection method	Screw connection
Stripping length	7 mm
Screw thread	M3
Conductor cross-section rigid	2x 0.2 mm ² ... 2.5 mm ² (without ferrule)
	2x 0.2 mm ² ... 1.5 mm ² (with ferrule)
Conductor cross-section flexible	2x 0.2 mm ² ... 2.5 mm ² (without ferrule)
	2x 0.2 mm ² ... 1.5 mm ² (with ferrule)

Output side

Connection method	Screw connection
Stripping length	7 mm
Screw thread	M3
Conductor cross-section rigid	2x 0.2 mm ² ... 2.5 mm ² (without ferrule)
	2x 0.2 mm ² ... 1.5 mm ² (with ferrule)
Conductor cross-section flexible	2x 0.2 mm ² ... 2.5 mm ² (without ferrule)
	2x 0.2 mm ² ... 1.5 mm ² (with ferrule)

Dimensions

Width	27 mm
Height	78.5 mm
Depth Retaining bracket	86 mm (ECOR-RH-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 ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C

Mounting

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

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2907521>



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
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%
EF3.0 Climate Change	
CO2e kg	0.605 kg CO2e

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Mandatory accessories

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

1109557

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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

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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

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

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

1109560

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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

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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

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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

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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

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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

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

REL-IR-BL/L- 24DC/2X21 - Single relay

1032526

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Plug-in industrial relay with power contacts, 2 changeover contacts, test button, status LED, mechanical switch position indicator, input voltage: 24 V DC

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REL-IR-BL- 24DC/2X21 - Single relay

1032470

<https://www.phoenixcontact.com/us/products/1032470>



Plug-in industrial relay in basic design with power contacts, 2 changeover contacts, test key, mechanical switch position indicator, polarity A1+, A2-, input voltage: 24 V DC

REL-IR-BL/L-230AC/2X21 - Single relay

1032530

<https://www.phoenixcontact.com/us/products/1032530>



Plug-in industrial relay with power contacts, 2 changeover contacts, test button, status LED, mechanical switch position indicator, input voltage: 230 V AC

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REL-IR-BL-230AC/2X21 - Single relay

1032528

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Plug-in industrial relay in basic design with power contacts, 2 changeover contacts, test key, mechanical switch position indicator, input voltage: 230 V AC

REL-IR-BL/L- 12DC/2X21 - Single relay

1109547

<https://www.phoenixcontact.com/us/products/1109547>



Plug-in industrial relay in basic design with power contacts, 2 changeover contacts, test button, status LED, mechanical switch position indicator, polarity A1+, A2-, input voltage: 12 V DC

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REL-IR-BL/L- 48DC/2X21 - Single relay

1109548

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Plug-in industrial relay in basic design with power contacts, 2 changeover contacts, test button, status LED, mechanical switch position indicator, polarity A1+, A2-, input voltage: 48 V DC

REL-IR-BL/L-110DC/2X21 - Single relay

1109550

<https://www.phoenixcontact.com/us/products/1109550>



Plug-in industrial relay in basic design with power contacts, 2 changeover contacts, test button, status LED, mechanical switch position indicator, polarity A1+, A2-, input voltage: 110 V DC

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REL-IR-BL/L-125DC/2X21 - Single relay

1109553

<https://www.phoenixcontact.com/us/products/1109553>



Plug-in industrial relay in basic design with power contacts, 2 changeover contacts, test button, status LED, mechanical switch position indicator, polarity A1+, A2-, input voltage: 125 V DC

REL-IR-BL/L-220DC/2X21 - Single relay

1109554

<https://www.phoenixcontact.com/us/products/1109554>



Plug-in industrial relay in basic design with power contacts, 2 changeover contacts, test button, status LED, mechanical switch position indicator, polarity A1+, A2-, input voltage: 220 V DC

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REL-IR-BL/L- 24AC/2X21 - Single relay

1109555

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Plug-in industrial relay in basic design with power contacts, 2 changeover contacts, test button, status LED, mechanical switch position indicator, input voltage: 24 V AC

REL-IR-BL/L-115AC/2X21 - Single relay

1109556

<https://www.phoenixcontact.com/us/products/1109556>



Plug-in industrial relay in basic design with power contacts, 2 changeover contacts, test button, status LED, mechanical switch position indicator, input voltage: 115 V AC

Accessories

ECOR-2-BSC3/4X21 - Relay base



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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^2 , loop length: 90 mm, ferrule length: 8 mm, color: blue



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^2 , loop length: 90 mm, ferrule length: 8 mm, color: black



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DB 50- 90 GY - Wire bridge

2820929

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Flexible wire loop bridge, 50-pos., conductor cross-section: 0.5 mm², loop length: 90 mm, ferrule length: 8 mm, color: gray



ECOR-RH-2L - Relay retaining bracket

1051972

<https://www.phoenixcontact.com/us/products/1051972>

Relay retaining bracket, with eject function and integrated equipment marking area (8 x 25 mm), to suit relay base ECOR-2, for 29 mm high industrial relay



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LDP- 12- 24DC - Plug-in module

2833657

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Plug-in module, with freewheeling diode and yellow LED, polarity: **A1+**, **A2-**,
input voltage: 12 ... 24 V DC $\pm 20\%$

DP-12-220 DC - Plug-in module

2907517

<https://www.phoenixcontact.com/us/products/2907517>



Plug-in module, with freewheeling diode, polarity: **A1+**, **A2-**, input voltage:
12 V DC ... 220 V DC $\pm 20\%$

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LV-120-230AC/110DC - Plug-in module

2833738

<https://www.phoenixcontact.com/us/products/2833738>



Plug-in module, with varistor and yellow LED, input voltage: 120 ... 230 V AC / 110 V DC ± 20 %

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 ± 20 %

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RC-120-230UC - Plug-in module

2833767

<https://www.phoenixcontact.com/us/products/2833767>

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



MP 2 - Marker labels

2833644

<https://www.phoenixcontact.com/us/products/2833644>

Equipment marker, labeling surface 9 x 25 mm



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