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	1 pc
Minimum order quantity	10 pc
Sales key	C463
Product key	CK6313
GTIN	4055626214382
Weight per piece (including packing)	78.94 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 mm² ... 2.5 mm² (without ferrule)
	2x 0.2 mm² ... 1.5 mm² (with ferrule)
Conductor cross section flexible	2x 0.2 mm² ... 2.5 mm² (without ferrule)
	2x 0.2 mm² ... 1.5 mm² (with ferrule)

Output side

Connection method	Screw connection
Stripping length	7 mm
Screw thread	M3
Conductor cross section rigid	2x 0.2 mm² ... 2.5 mm² (without ferrule)
	2x 0.2 mm² ... 1.5 mm² (with ferrule)
Conductor cross section flexible	2x 0.2 mm² ... 2.5 mm² (without ferrule)
	2x 0.2 mm² ... 1.5 mm² (with ferrule)

Dimensions

Width	27 mm
Height	78.5 mm
Depth Retaining bracket	86 mm (ECOR-RH-2)

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C

Mounting

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

Approvals

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

CSA
Approval ID: 255476

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

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Classifications

ECLASS

ECLASS-11.0	27371603
ECLASS-12.0	27371603
ECLASS-13.0	27371603

ETIM

ETIM 8.0	EC001456

UNSPSC

UNSPSC 21.0	39122300

Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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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

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

ECOR-2-BSC3/4X21 - 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

ECOR-2-BSC3/4X21 - Relay base

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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

ECOR-2-BSC3/4X21 - Relay base

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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

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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

ECOR-2-BSC3/4X21 - Relay base

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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

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

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

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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

LDP- 12- 24DC - Plug-in module

2833657

https://www.phoenixcontact.com/us/products/2833657

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

ECOR-2-BSC3/4X21 - Relay base

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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 ±20%

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 %

ECOR-2-BSC3/4X21 - Relay base

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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 %

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 ±20 %

ECOR-2-BSC3/4X21 - Relay base

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MP 2 - Marker labels

2833644

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

Equipment marker, labeling surface 9 x 25 mm

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