

ECOR-1-BSC3/2X21 - Relay base

2907518

<https://www.phoenixcontact.com/us/products/2907518>

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ECOR-1... relay base, for miniature power relay or miniature switching relay with 1 or 2 changeover contacts, screw connection, plug-in option for input/interference suppression modules, for mounting on NS 35/7,5

Commercial data

Item number	2907518
Packing unit	1 pc
Minimum order quantity	10 pc
Sales key	C463
Product key	CK6312
GTIN	4055626214351
Weight per piece (including packing)	51.295 g
Weight per piece (excluding packing)	50.295 g
Customs tariff number	85366990
Country of origin	CN

ECOR-1-BSC3/2X21 - Relay base



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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	12 A

Connection data

Input side

Connection method	Screw connection
Stripping length	8 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	8 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	15.7 mm
Height	79.2 mm
Depth Retaining bracket	69 mm (ECOR-RH-1L)
	78 mm (ECOR-RH-1H)

Environmental and real-life conditions

Ambient conditions

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

Mounting

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/2907518>



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
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UNSPSC

UNSPSC 21.0	39122300
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Environmental product compliance

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

ECOR-1-BSC3/2X21 - Relay base

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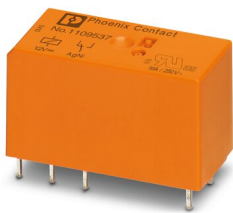
<https://www.phoenixcontact.com/us/products/2907518>

Mandatory accessories

REL-MR-BL- 12DC/21HC - Single relay

1109537

<https://www.phoenixcontact.com/us/products/1109537>

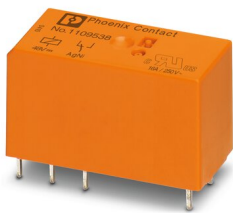


Pluggable miniature power relay in basic design, with power contact for high continuous currents, 1 changeover contact, input voltage 12 V DC

REL-MR-BL- 48DC/21HC - Single relay

1109538

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Pluggable miniature power relay in basic design, with power contact for high continuous currents, 1 changeover contact, input voltage 48 V DC

ECOR-1-BSC3/2X21 - Relay base

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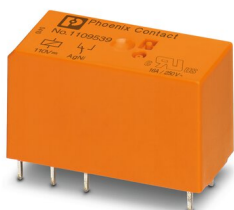
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REL-MR-BL-110DC/21HC - Single relay

1109539

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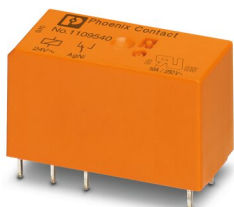


Pluggable miniature power relay in basic design, with power contact for high continuous currents, 1 changeover contact, input voltage 110 V DC

REL-MR-BL- 24AC/21HC - Single relay

1109540

<https://www.phoenixcontact.com/us/products/1109540>



Pluggable miniature power relay in basic design, with power contact for high continuous currents, 1 changeover contact, input voltage 24 V AC

ECOR-1-BSC3/2X21 - Relay base

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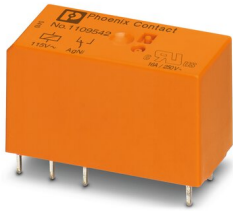
<https://www.phoenixcontact.com/us/products/2907518>



REL-MR-BL-115AC/21HC - Single relay

1109542

<https://www.phoenixcontact.com/us/products/1109542>

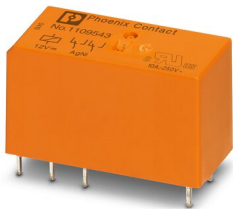


Pluggable miniature power relay in basic design, with power contact for high continuous currents, 1 changeover contact, input voltage 115 V AC

REL-MR-BL- 12DC/21-21 - Single relay

1109543

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Pluggable miniature power relay in basic design, with power contact, 2 changeover contacts, input voltage 12 V DC

ECOR-1-BSC3/2X21 - Relay base

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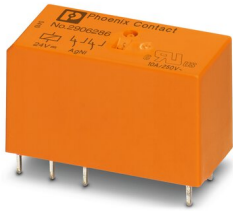
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REL-MR-BL- 24DC/21-21 - Single relay

2906286

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Plug-in miniature power relay in basic design, with power contact, 2 changeover contacts, input voltage 24 V DC

REL-MR-BL- 48DC/21-21 - Single relay

1109544

<https://www.phoenixcontact.com/us/products/1109544>



Pluggable miniature power relay in basic design, with power contact, 2 changeover contacts, input voltage 48 V DC

ECOR-1-BSC3/2X21 - Relay base

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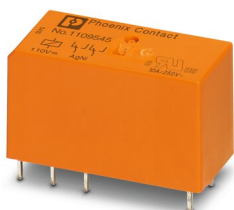
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REL-MR-BL-110DC/21-21 - Single relay

1109545

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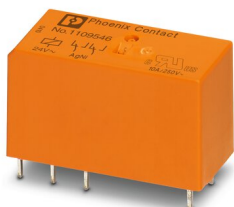


Pluggable miniature power relay in basic design, with power contact, 2 changeover contacts, input voltage 110 V DC

REL-MR-BL- 24AC/21-21 - Single relay

1109546

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Pluggable miniature power relay in basic design, with power contact, 2 changeover contacts, input voltage 24 V AC

ECOR-1-BSC3/2X21 - Relay base

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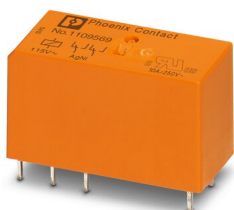
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REL-MR-BL-115AC/21-21 - Single relay

1109569

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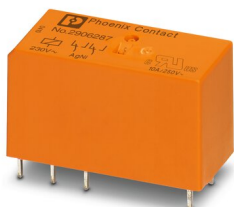


Plug-in miniature power relay in basic design, with power contact, 2 changeover contacts, input voltage 115 V AC

REL-MR-BL-230AC/21-21 - Single relay

2906287

<https://www.phoenixcontact.com/us/products/2906287>



Plug-in miniature power relay in basic design, with power contact, 2 changeover contacts, input voltage 230 V AC

ECOR-1-BSC3/2X21 - Relay base

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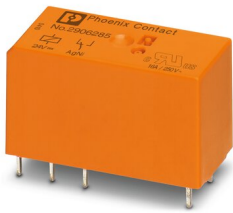
<https://www.phoenixcontact.com/us/products/2907518>



REL-MR-BL- 24DC/21HC - Single relay

2906285

<https://www.phoenixcontact.com/us/products/2906285>

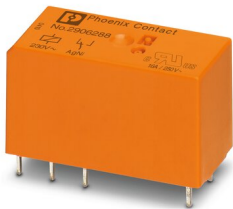


Plug-in miniature power relay in basic design, with power contact for high continuous currents, 1 changeover contact, input voltage 24 V DC

REL-MR-BL-230AC/21HC - Single relay

2906288

<https://www.phoenixcontact.com/us/products/2906288>



Plug-in miniature power relay in basic design, with power contact for high continuous currents, 1 changeover contact, input voltage 230 V AC

ECOR-1-BSC3/2X21 - Relay base

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REL-MR-BL-24DC/21HC/MS - Single relay

2908180

<https://www.phoenixcontact.com/us/products/2908180>



Plug-in miniature relay, with power contact, 1 changeover contact, test button, mechanical switch position indicator, polarity: bipolar, input voltage: 24 V DC

REL-MR-BL-24DC/21-21/MS - Single relay

2908181

<https://www.phoenixcontact.com/us/products/2908181>



Plug-in miniature relay, with power contact, 2 changeover contacts, test button, mechanical switch position indicator, polarity: bipolar, input voltage: 24 V DC

Accessories

ECOR-1-BSC3/2X21 - Relay base

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DB 50- 90 BU - Wire bridge

2821180

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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: 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 mm², loop length: 90 mm, ferrule length: 8 mm, color: black



ECOR-1-BSC3/2X21 - Relay base

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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-1L - Relay retaining bracket

2907524

<https://www.phoenixcontact.com/us/products/2907524>

Relay retaining bracket, with ejector function and integrated equipment marking area (7.5 x 15 mm), suitable for ECOR-1 relay base, for 16 mm tall miniature switching relays and solid-state relays



ECOR-1-BSC3/2X21 - Relay base

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ECOR-RH-1H - Relay retaining bracket

2907523

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Relay retaining bracket, with ejector function and integrated equipment marking area (7.5 x 15 mm), suitable for ECOR-1 relay base, for 25 mm tall miniature switching relays and solid-state relays

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 $\pm 20\%$

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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 $\pm 20\%$

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 $\pm 20\%$

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V-120-230UC - Plug-in module

2833880

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

RC-120-230UC - Plug-in module

2833767

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

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MP 1 - Marker labels

2833631

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Equipment marker, labeling surface 6 x 15 mm



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Phoenix Contact USA

586 Fulling Mill Road

Middletown, PA 17057, United States

(+717) 944-1300

info@phoenixcon.com