

## Relay base - ECOR-1-BSC3/2X21 - 2907518


Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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

RoHS

### Key Commercial Data

Packing unit	10 pc
Minimum order quantity	10 pc
GTIN	 4 055626 214351
GTIN	4055626214351
Weight per Piece (excluding packing)	50.900 g
Custom tariff number	85366990
Country of origin	China

### Technical data

#### Dimensions

Width	15.7 mm
Height	79.2 mm
Depth with retaining bracket	69 mm (ECOR-RH-1L) 78 mm (ECOR-RH-1H)

#### Ambient conditions

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

#### General

Nominal voltage $U_N$	250 V AC/DC
Nominal current $I_N$	12 A
Color	gray
Mounting position	any

# Relay base - ECOR-1-BSC3/2X21 - 2907518

## Technical data

### Connection data

Connection name	Input side
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	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)

### Connection data 2

Connection name	Output side
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	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)

### Environmental Product Compliance

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

## Classifications

### eCl@ss

eCl@ss 5.0	27371600
eCl@ss 5.1	27371603
eCl@ss 6.0	27371600
eCl@ss 7.0	27371603
eCl@ss 8.0	27371603
eCl@ss 9.0	27371603

### ETIM

ETIM 2.0	EC001456
ETIM 3.0	EC001456
ETIM 4.0	EC001456
ETIM 5.0	EC001456
ETIM 6.0	EC001456
ETIM 7.0	EC001456

# Relay base - ECOR-1-BSC3/2X21 - 2907518

## Classifications

### UNSPSC

UNSPSC 13.2	39122326
UNSPSC 18.0	39122335
UNSPSC 19.0	39122335
UNSPSC 20.0	39122335
UNSPSC 21.0	39122335

## Approvals

### Approvals


#### Approvals

CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized


#### Ex Approvals


### Approval details

CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	70066743
-----	---	---	----------

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 113228
---------------	---	---	---------------

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 113228
----------------	---	---	---------------

EAC			RU C- DE.**08.B.01419
-----	---	--	--------------------------

cULus Recognized			
------------------	---	--	--

## Accessories

### Accessories

## Relay base - ECOR-1-BSC3/2X21 - 2907518

### Accessories

#### Bridge

Wire bridge - DB 50- 90 BU - 2821180

Wire bridge, color: blue



Wire bridge - DB 50- 90 BK - 2820916

Wire bridge, color: black



Wire bridge - DB 50- 90 GY - 2820929

Wire bridge, color: gray



#### Marking material

Marker labels - MP 1 - 2833631



Equipment marker, labeling surface 6 x 15 mm

#### Plug-in module

Plug-in module - LDP- 12- 24DC - 2833657



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

## Relay base - ECOR-1-BSC3/2X21 - 2907518

### Accessories

Plug-in module - DP-12- 24 DC - 2907517



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

---

Plug-in module - LV-120-230AC/110DC - 2833738



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

---

Plug-in module - V-120-230UC - 2833880



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

---

Plug-in module - RC-120-230UC - 2833767



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

---

### Retaining bracket

Relay retaining bracket - ECOR-RH-1L - 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

---

## Relay base - ECOR-1-BSC3/2X21 - 2907518

### Accessories

Relay retaining bracket - ECOR-RH-1H - 2907523



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

---

### Necessary add-on products

Single relay - REL-MR-BL- 24DC/21HC - 2906285



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

---

Single relay - REL-MR-BL-230AC/21HC - 2906288



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

---

Single relay - REL-MR-BL-230AC/21-21 - 2906287



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

---

Single relay - REL-MR-BL- 24DC/21-21 - 2906286



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