

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

2907518

<https://www.phoenixcontact.com/us/products/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 documentation. Our general terms of use for downloads are valid.



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                         | 10 pc         |
| Minimum order quantity               | 10 pc         |
| Sales key                            | C463          |
| Product key                          | DKF312        |
| GTIN                                 | 4055626214351 |
| Weight per piece (including packing) | 50.86 g       |
| Weight per piece (excluding packing) | 49.44 g       |
| Customs tariff number                | 85366990      |
| Country of origin                    | CN            |

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



2907518

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

## 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 <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)    |
| Tightening torque                | 0.5 Nm ... 0.7 Nm  |

#### Output side

|                                  |  |
|----------------------------------|--|
| Connection method                | Screw 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)    |
| Tightening torque                | 0.5 Nm ... 0.7 Nm  |

## Dimensions

#### Item dimensions

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

#### Drill hole

|          |        |
|----------|--------|
| Diameter | 3.3 mm |
|----------|--------|

## Material specifications

|       |                           |
|-------|---------------------------|
| Color | traffic gray B (RAL 7043) |
|-------|---------------------------|

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



2907518

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

## 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               |

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



2907518

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

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2907518>



**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

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



2907518

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

## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27371603 |
| ECLASS-15.0 | 27371603 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC001456 |
|-----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39122300 |
|-------------|----------|

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



2907518

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

## 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% |
|-------------------------------------|----------------------------|

### EF3.1 Climate Change

|         |               |
|---------|---------------|
| CO2e kg | 0.869 kg CO2e |
|---------|---------------|

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

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