

# IBS USC4-2 - Masterboard

2812209

<https://www.phoenixcontact.com/us/products/2812209>



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INTERBUS Generation 4 masterboard

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 2812209       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | DR14          |
| Product key                          | DRECAA        |
| GTIN                                 | 4017918913991 |
| Weight per piece (including packing) | 40.367 g      |
| Weight per piece (excluding packing) | 40.367 g      |
| Customs tariff number                | 85389091      |
| Country of origin                    | DE            |

## Technical data

### Notes

#### Note on application

Note on application

Only for industrial use

### Product properties

Product type

Master module

Type of housing/design

Daughterboard

### System properties

#### Module

Protocol chip

IBS IPMS 3

#### Functionality

Number of I/O nodes

max. 4096 (8192 with coupling memory expansion)

### Electrical properties

IC power supply voltage

5 V DC  $\pm 10\%$  (DC)

#### Supply

Typical current consumption

200 mA (without extensions)

### Interfaces

#### INTERBUS

Connection method

Remote bus

#### User interface

Connection method

60-pos. basic connector and 40-pos. extension connector for power supply for -Diagnostics, -Configuration, -DPM interface, -Memory extension

### Dimensions

Width

50 mm

Length

70 mm

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)

0 °C ... 70 °C

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2812209>



**cULus Recognized**  
Approval ID: E140324

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27242605 |
| ECLASS-15.0 | 27242605 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC001601 |
|-----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 32151600 |
|-------------|----------|

## Environmental product compliance

### EU RoHS

|                                         |              |
|-----------------------------------------|--------------|
| Fulfills EU RoHS substance requirements | Yes          |
| Exemption                               | 7(a), 7(c)-I |

### China RoHS

|                                        |                                                                                                                                                                                                                                   |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environment friendly use period (EFUP) | EFUP-50                                                                                                                                                                                                                           |
|                                        | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

### EU REACH SVHC

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1)                 |
| SCIP                                | 78d663a0-8266-42f8-83a1-9b4b7e3e9b54 |

### EF3.1 Climate Change

|         |               |
|---------|---------------|
| CO2e kg | 8.738 kg CO2e |
|---------|---------------|

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