

# IBS USC4-2 - Masterboard

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
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### Product properties

Product type	Master module
Type of housing/design	Daughterboard

### System properties

#### Module

Protocol chip	IBS IPMS 3
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#### Functionality

Number of I/O nodes	max. 4096 (8192 with coupling memory expansion)
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### Electrical properties

IC power supply voltage	5 V DC $\pm$ 10 % (DC)
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#### Supply

Typical current consumption	200 mA (without extensions)
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### Interfaces

#### INTERBUS

Connection method	Remote bus
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#### User interface

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

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**cULus Recognized**

Approval ID: E140324

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## Classifications

### ECLASS

ECLASS-13.0	27242605
ECLASS-15.0	27242605

### ETIM

ETIM 10.0	EC001601
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### UNSPSC

UNSPSC 21.0	32151600
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## 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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