

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
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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 9.0	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

EF3.0 Climate Change

CO2e kg	8.738 kg CO2e
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