

## Coupling module - IBS CT 24 IO GT-LK-OPC - 2742146

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Coupling module (Gateway) degree of protection IP20, with fiber optic remote bus connection

### Product Description

INTERBUS CT coupling modules connect two INTERBUS systems together on the input/output level. In their function, they correspond to two normal I/O modules, the inputs and outputs of which are connected crosswise. In this way, INTERBUS can be used to facilitate bi-directional data transfer between any two control systems. The extent of the data can be up to ten words (160 bits) per cycle. The data width can be configured between one byte and ten words by means of a rotary switch (byte configuration is only possible in Generation 4 controller boards). The selected data word (or byte) is shown on a 7-segment display. The modules are installed directly in the INTERBUS remote bus. In the case of the IBS CT 24 IO GT-LK-OPC fiber optic version, the bus is connected via F-SMA connectors. The modules are equipped with isolated bus lines, a redundant supply of the 24 V power, and optical path regulation. Sixteen status LEDs assigned to each bus line are used to display the signal states. A button located on the module permits the current output word or byte of the specific remote bus to be displayed. In this case, the output information for one bus is the input information of the other.

### Product Features

- Remote bus connections using fiber optic technology
- Electrical isolation
- Diagnostic and status indicators
- DIN rail mounting



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	422.2 g
Custom tariff number	85389091
Country of origin	Germany

### Technical data

#### Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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#### Dimensions

Width	204 mm
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## Technical data

### Dimensions

Height	77 mm
Depth	37 mm

### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 70 °C

### Interfaces

Interface	INTERBUS remote bus (incoming/outgoing)
Connection method	F-SMA connector
Transmission speed	500 kBit/s / 2 Mbit/s

### Power supply

Typical current consumption	150 mA
Max. current consumption	200 mA
Supply voltage	24 V DC
Supply voltage range	19.2 V DC ... 30 V DC

### INTERBUS data

Maximum distance to the next remote bus device	300 m
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### General

Weight	240 g
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## Classifications

### eCl@ss

eCl@ss 4.0	27240604
eCl@ss 4.1	27250201
eCl@ss 5.0	27250203
eCl@ss 5.1	27242608
eCl@ss 6.0	27242608
eCl@ss 7.0	27242608
eCl@ss 8.0	27242608

### ETIM

ETIM 2.0	EC001423
ETIM 3.0	EC001423
ETIM 4.0	EC001478
ETIM 5.0	EC001604

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### Classifications

#### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	45111807
UNSPSC 11	45111807
UNSPSC 12.01	45111807
UNSPSC 13.2	45111807

### Approvals

#### Approvals

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##### Approvals

UL Listed / cUL Listed / EAC / cULus Listed

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##### Ex Approvals

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##### Approvals submitted

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#### Approval details

UL Listed 

cUL Listed 

EAC

cULus Listed 

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