

Coupling module - IBS CT 24 IO GT-T - 2719470

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Coupling module (gateway), I/O coupling module for two INTERBUS systems, 24 V DC, IP20 protection, with MINI-COMBICON remote bus connection

Product Description

INTERBUS CT coupling module (gateway) for two INTERBUS systems

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 IBS CT 24 IO GT-T module, the bus is connected via plug-in MINI-COMBICON terminals. The IBS CT 24 IO GT-LK fiber optic module has F-SMA connectors.

The modules are equipped with electrically isolated bus lines as well as a redundant supply of the 24 V power.

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.

Your advantages

- Remote bus connections via MINI COMBICON
- Electrical isolation
- Diagnostic and status indicators
- DIN rail mounting



Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4017918126940

Technical data

Dimensions

Width	204 mm
Height	77 mm
Depth	37 mm

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Technical data

Ambient conditions

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

Interfaces

Interface	INTERBUS remote bus (incoming/outgoing)
Connection method	10-pos. MINI-COMBICON connector
Transmission speed	500 kbps

Power supply

Typical current consumption	240 mA
Supply voltage	24 V DC
Supply voltage range	19.2 V ... 30 V

Electrical isolation

Test section	Supply voltage/logics 500 V AC 50 Hz 1 min.
	Supply voltage/functional ground 500 V AC 50 Hz 1 min.
	Logic/functional ground 500 V AC 50 Hz 1 min.
	INTERBUS system 1/INTERBUS system 2 500 V AC 50 Hz 1 min.

INTERBUS data

Maximum distance to the next remote bus device	400 m
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General

Weight	240 g
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Classifications

eCl@ss

eCl@ss 10.0.1	27242608
eCl@ss 4.0	27250200
eCl@ss 4.1	27250200
eCl@ss 5.0	27250200
eCl@ss 5.1	27242600
eCl@ss 6.0	27242600
eCl@ss 7.0	27242608
eCl@ss 8.0	27242608
eCl@ss 9.0	27242608

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Classifications

ETIM

ETIM 2.0	EC001423
ETIM 3.0	EC001423
ETIM 4.0	EC001478
ETIM 5.0	EC001604
ETIM 6.0	EC001604
ETIM 7.0	EC001604

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	45111807
UNSPSC 11	45111807
UNSPSC 12.01	45111807
UNSPSC 13.2	32151602
UNSPSC 18.0	32151602
UNSPSC 19.0	32151602
UNSPSC 20.0	32151602
UNSPSC 21.0	32151602

Accessories

Accessories

Connector set

Connector set - IBS RB PLSET/FRONT-MC 1,5/10 - 2722768



Replacement remote bus connector set

Mounting material

Shield connection clamp - IBS RB-SHIELD - 2722742



Replacement shield connection clamp for INTERBUS-ST bus terminal BKM-...

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