

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.

Your advantages

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



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 817312
GTIN	4017918817312

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
Height	77 mm

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Technical data

Dimensions

Depth	37 mm
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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 kbps / 2 Mbps

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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Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Approvals

Approvals

Approvals

UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 140324
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Approvals

cUL Listed



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FILE E 140324

EAC



EAC-Zulassung

cULus Listed



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