Ixxat®
BY HMS NETWORKS

Ixxat MultiCAN-PB expansion

Item number: 1.01.0242.22000

The MultiCAN expansion board for the Ixxat CAN-IB series enhances the card's capabilities by providing two additional high-speed CAN channels. Acting as a piggy-back module, it doubles the number of available high-speed CAN channels on a D-Sub 9 connector and reduces slot requirements, making it ideal for expanding CAN networks efficiently.

Piggyback module for CAN interface cards

Features and benefits

✓ **Additional CAN channels for PC interfaces**

Doubles the number of high-speed CAN channels on existing D-Sub 9 connectors of the interface card, enhancing network capacity.

✓ **Easy installation**

Designed as a piggy-back module for PC interface cards, enabling an efficient setup without extensive system modifications. The Multi CAN expansion can't be used with other expansion boards.

✓ **Overvoltage protection**

The interface card's existing galvanic isolation remains, safeguarding against overvoltage and protecting from potential electrical damage.

✓ **Space-efficient design**

By halving the number of required CAN slots, the expansion board supports space optimization within the system.

✓ **Streamlined network management**

Simplifies network architecture by consolidating multiple channels, enabling straightforward system management.

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General

Net Width (mm)	47
Net Height (mm)	52
Net Weight (g)	13
Packed Width (mm)	14
Packed Height (mm)	4
Packed Depth (mm)	18
Packed Weight (g)	83
Operating Temperature °C Min	0
Operating Temperature °C Max	70
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Relative Humidity	10 to 95 %, non-condensing
Isolation	500 V AC for 1 min. between CAN bus and internal logic
Content of Delivery	Expansion board, user manual
Mounting	PCB mounting
Packaging Material	Cardboard
Warranty (years)	1

Identification and Status

Product ID	1.01.0242.22000
Country of Origin	Germany

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HS Code	8517620000
Export Control Classification Number (ECCN)	EAR99
Supply Risk Factor ERP	Volume not defined yet

Physical Features

Connectors / Input / Output	6 x box header connector

CAN Features

CAN Mode	CAN high-speed (ISO 11898-2)
CAN Transceiver	TI SN65HVD251
CAN Controller	CAN 2.0 A/B
CAN Baud Rate	CAN high-speed: 10 kBit/s to 1 Mbit/s

Certifications and Standards

ETIM Classification	EC001604
WEEE Category	IT and telecommunications equipment