Ixxat MultiCAN-PB expansion PMC/XMC

Item number: 1.01.0242.22200

The MultiCAN expansion board for Ixxat PMC/XMC interface cards 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 PMC/XMC interfaces

Specifically designed for PMC/XMC interfaces, the expansion doubles the number of high-speed CAN channels on existing D-Sub 9 connectors, 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)	85
Packed Width (mm)	17
Packed Height (mm)	4
Packed Depth (mm)	13
Packed Weight (g)	85
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	1.01.0242.22200
Country of Origin	Germany

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Identification and Status

HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN)	EAR99

Physical Features

Connectors / Input / Output	6 x box header connector
Contains Battery	No

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

CE	Yes
WEEE Category	IT and telecommunications equipment