

Ixxat fieldbus expansion CAN LS

Item number: 1.01.0241.20001

The fieldbus expansion board for the Ixxat CAN-IB series enhances the card's capabilities with an additional low-speed CAN option. Acting as a piggy-back module, each existing CAN high-speed channel can be equipped with a separate expansion board, making it an effective solution for systems requiring versatile fieldbus communications.



Piggyback module for CAN interface cards

Features and benefits

- ✓ **Enhanced protocol support**
Adds CAN low-speed functionality to the system, supporting the integration of diverse fieldbus protocols for comprehensive connectivity.
- ✓ **Modular design**
Either one or two fieldbus expansions can be used per CAN interface or CAN expansion board, providing flexibility for specific requirements.
- ✓ **Overvoltage protection**
Galvanic isolation safeguards against overvoltage and protects from potential electrical damage.
- ✓ **Easy installation and compatibility**
Designed as a piggy-back module for both PC interface cards and CAN expansion boards, enabling an efficient setup without extensive system modifications.
- ✓ **Switchable CAN high- and low-speed channels**
Each existing high-speed CAN channel can be switched to low-speed CAN through software, providing flexibility for future requirements.



General

Net Width (mm)	25
Net Height (mm)	47
Net Weight (g)	6
Packed Width (mm)	14
Packed Height (mm)	4
Packed Depth (mm)	18
Packed Weight (g)	69
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
Input Voltage (V)	3.3 V DC via CAN interface board
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	1.01.0241.20001
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Identification and Status

Country of Origin	Germany
HS Code	8517620000
Dual Usage	No

Physical Features

Connectors / Input / Output	3 x box header connector
Contains Battery	No

CAN Features

CAN Mode	CAN low-speed (ISO 11898-3)
CAN Transceiver	NXP TJA1054
CAN Baud Rate	CAN low-speed: 10 kBit/s to 125 kBit/s

Certifications and Standards

WEEE Category	IT and telecommunications equipment
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