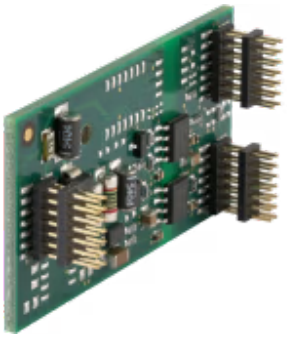
Ixxat fieldbus expansion LIN

Item number: 1.01.0241.20014

The fieldbus expansion board for the Ixxat CAN-IB series enhances the card's capabilities with an additional LIN 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 LIN 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.

Switchable CAN high-speed and LIN channels

Each existing high-speed CAN channel can be switched to LIN through software, providing highest flexibility for future requirements.

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.

Supports external VBAT for LIN

Compatible with external VBAT for LIN, providing increased flexibility in automotive and industrial applications.

Overvoltage protection

Galvanic isolation safeguards against overvoltage and protects from potential electrical damage.

Ixxat fieldbus expansion LIN



General

Net Width (mm)	25
Net Height (mm)	47
Net Weight (g)	55
Packed Width (mm)	13
Packed Height (mm)	5
Packed Depth (mm)	17
Packed Weight (g)	55
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 %, no condensation
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	1.01.0241.20014

Ixxat fieldbus expansion LIN



Identification and Status

Country of Origin	Germany
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN) (Applies only to the U.S)	EAR99

Physical Features

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

LIN Features

LIN Mode	LIN (ISO 9141), LIN VBAT 8-48 V DC for product version 3.0 and newer, LIN VBAT 8-18 V DC for product version 2.0 and older
LIN Transceiver	MCP2562FDT-ESW
LIN Baud Rate	10 kBit/s to 25 kBit/s

Certifications and Standards

CE	Yes
WEEE Category	IT and telecommunications equipment