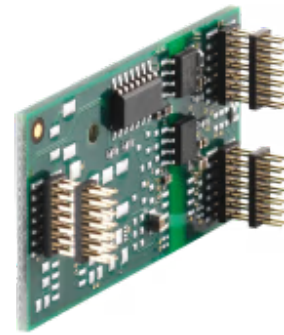# Ixxat®
BY HMS NETWORKS

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.

Ixxat fieldbus expansion CAN LS

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

Ixxat fieldbus expansion CAN LS

Identification and Status

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

Physical Features

Connectors / Input / Output	3 x box header connector

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

ETIM Classification	EC001604
WEEE Category	IT and telecommunications equipment