CiX-CAN
iX Communication Module for CANbus

The CiX-CAN communication module provides integrated CAN bus support for the iX human machine interfaces (HMIs) / operator panels. The message-based CANbus (Controller Area Network) protocol module is used in automotive, aerospace, maritime, medical and industrial automation applications.

Product Highlights

- ▸ 2x 9-pin male D-sub connector with CAN equivalent pinning
- ▸ LEDs for communication status
- ▸ Supports CANopen, J939 and FreeCAN (Beijer's free and independent driver-based solution)
- ▸ Factory-installed on the QTERM-A7, QTERM-A12, TxBR, T7AM; field-installed on the rear of the TxA, TxB and TxC

CiX-CAN Specifications

Feature	Detail	Description
Interface	Communications	2x 9 pin male D-sub connector
		Separate galvanic isolation per channel (1500V)
		LEDs (2x green, 2x red, 1x yellow)
		Drives up to 32 nodes
Power	Consumption	170 mA (typical)
	Input	Internal USB
Mechanical	Size	80 (l) x 65 (w) x 20 (h) mm
	Mass	0.2 kg
	Housing Material	Powder-coated aluminum (black)
Environmental	Rear Sealing	IP20
	Temperature	Operating: -10 to 60 °C; Storage: -20 to 70 °C
	Humidity	<85%, non-condensing
	Shock	EN60068-2-27
	Vibration	EN60068-2-6
Certifications	UL	UL 508
	CE	Noise tested according to EN61000-6-4 emission and EN61000-6-2 immunity
	DNV	
Software	iX Developer	iX Developer V2.0 SP1 – version 2.0.463.0 or higher)
	FreeCAN	FreeCAN_EM_Pre2 driver (version 5.00.38 or higher)
	J1939	J1939_EM_Pre2 driver (version 5.01.04 or higher)
	CANopen	Pre-released only; check with Beijer Sales

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