

## Ixxat CME/PN

Item number: 1.01.0261.02106

The Ixxat CME/PN is a powerful and easily configurable gateway for connecting CANopen devices and networks to PROFINET systems. It enables seamless system integration and bidirectional data exchange, while offering easy configuration via USB or Ethernet. This makes it a flexible, cost-effective solution for CANopen to PROFINET connectivity.



*CANopen to PROFINET gateway*

## Features and benefits

### ✓ Streamlined CANopen-PROFINET integration

The Ixxat CME/PN enables seamless connectivity between CANopen devices and PROFINET systems with an integrated 2-port switch for easy integration and set up, enhancing overall system interoperability.

### ✓ Reliable and safe connectivity

Ensures safe and reliable data transmission with a galvanically isolated CAN high-speed interface, minimizing the risk of electrical interference and enhancing network protection.

### ✓ Flexible configuration options

The device offers high flexibility with configuration options via both Ethernet and USB interfaces, accommodating various user preferences.

### ✓ Easy connectivity

By featuring a Mini USB port and two RJ45 connections, the Ixxat CME/PN offers easy connection interfaces for device configuration and network integration.



## General

|                              |                                                                                                                      |
|------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Net Width (mm)               | 99                                                                                                                   |
| Net Height (mm)              | 114.5                                                                                                                |
| Net Depth (mm)               | 22.5                                                                                                                 |
| Net Weight (g)               | 115                                                                                                                  |
| Packed Width (mm)            | 14                                                                                                                   |
| Packed Height (mm)           | 4                                                                                                                    |
| Packed Depth (mm)            | 18                                                                                                                   |
| Packed Weight (g)            | 185                                                                                                                  |
| Operating Temperature °C Min | -20                                                                                                                  |
| 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)            | 9 V to 32 V DC                                                                                                       |
| Isolation                    | 500 V AC for 1 min.                                                                                                  |
| Configuration                | The Ixxat CME/PN is configured and updated with the Ixxat CANopen Configuration Studio tool through USB or Ethernet. |
| Content of Delivery          | Ixxat CME/PN device, user manual, Ixxat CANopen Configuration Studio tool                                            |
| Mounting                     | DIN rail mount (bracket included)                                                                                    |
| Housing Materials            | Polyamide housing for top hat rail mounting                                                                          |



## General

|                    |           |
|--------------------|-----------|
| Packaging Material | Cardboard |
|--------------------|-----------|

## Identification and Status

|                   |                 |
|-------------------|-----------------|
| Product ID        | 1.01.0261.02106 |
| Country of Origin | Germany         |
| HS Code           | 8517620000      |
| Dual Usage        | No              |

## Physical Features

|                             |                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------|
| Connectors / Input / Output | 2 x RJ45 connectors, 1 x Mini USB port, 2 x screw terminal (1 x fieldbus, 1 x power) |
| Contains Battery            | No                                                                                   |

## CAN Features

|                 |                             |
|-----------------|-----------------------------|
| CAN Mode        | CAN high-speed (ISO11898-2) |
| CAN Transceiver | TI SN65HVD251               |
| CAN Baud Rate   | 20 kBit/s to 1 Mbit/s       |

## CANopen Features

|                                 |                                                                           |
|---------------------------------|---------------------------------------------------------------------------|
| CANopen Mode                    | The device acts as a CANopen NMT commander with with PDO and SDO support. |
| CANopen Supported Functionality | Connects max. 120 CAN bus nodes                                           |
| CANopen Configuration File      | EDS available                                                             |

## PROFINET Features

|                             |                         |
|-----------------------------|-------------------------|
| PROFINET Mode               | PROFINET I/O            |
| PROFINET Configuration File | GSDML available         |
| PROFINET Bandwidth          | 2 x 100 Mbit/s Ethernet |

## Certifications and Standards

|                        |                                     |
|------------------------|-------------------------------------|
| Protection Class IP    | IP20                                |
| Product Certifications | CE, FCC                             |
| WEEE Category          | IT and telecommunications equipment |