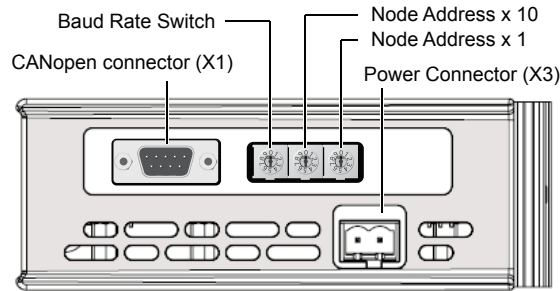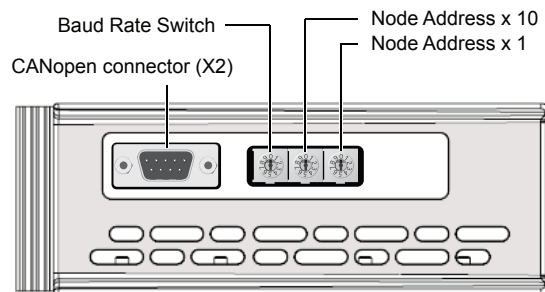## Product Overview

The CANopen interface can be either top- or bottom-mounted. Both of these options are illustrated below.
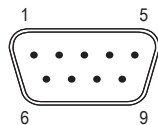
Top-mounted Interface

Baud Rate Switch
CANopen connector (X1)
Node Address x 10
Node Address x 1
Power Connector (X3)

Bottom-mounted Interface

Baud Rate Switch
CANopen connector (X2)
Node Address x 10
Node Address x 1

CANopen Connector

Pin	Signal
1, 4, 8	(reserved)
3, 6	CAN GND
2	CAN_L
7	CAN H
5, Housing	CAN_SHLD

LED Indicators

LED	Indication	Meaning
GW Status	See Gateway Installation Sheet	
RUN	Green	Operational state
	Green (flashing)	Pre-operational state
	Green (single flash)	Stopped state
	Red (flashing)	Bus initialization fault
	Off	Device not powered
ERR	Red	Bus off
	Red (single flash)	Warning limit reached
	Red (double flash)	Error Control Event
	Red (triple flash)	Sync Error
	Off	No error
PWR	Green	Device powered
	Off	Device not powered

Top-mounted

GW Status
RUN
ERR
PWR
USB (X4)

GW Status
RUN
ERR
PWR
USB (X4)
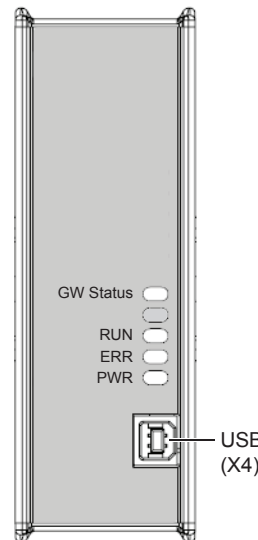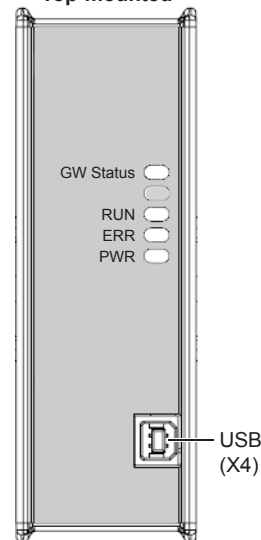
Bottom-mounted

Baud Rate Switch

A single rotary DIP switch is used to set the baud rate of the interface.

Position	Baud Rate
0	(reserved)
1	10 kbit/s
2	20 kbit/s
3	50 kbit/s
4	125 kbit/s

Position	Baud Rate
5	250 kbit/s
6	500 kbit/s
7	800 kbit/s
8	1 Mbit/s
9	(reserved)

Node Address Switches

Two rotary DIP switches are used to set the node address of the interface between 1 and 99.

Example:

Address = 42 (4 x 10) + (2 x 1)

x10   x1
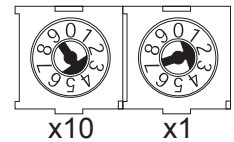
Accessories Checklist

The following items are required for installation:

- USB cable (included)
- CANopen configuration tool (not included)
- EDS file for CANopen (see www.anybus.com)
- CANopen cable (not included)
- CANopen bus termination resistor[1] (not included)

Installation and Startup Summary

1. Set the CANopen baud rate and node address
2. Attach a termination resistor[1] (optional)
3. Connect the gateway to the network
4. Connect a PC to the gateway via USB (optional)
5. Power up and configure the gateway
6. Install the EDS file and configure CANopen (optional)

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1 If the node is installed at the end of the bus

Technical Support

Technical support, documentation and software downloads are available at www.anybus.com.

Technical questions regarding the CANopen fieldbus system should be addressed to **CAN in Automation** at www.can-cia.de.