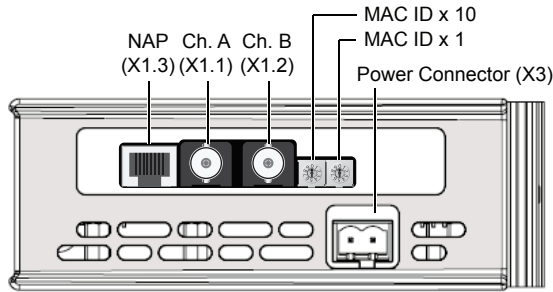


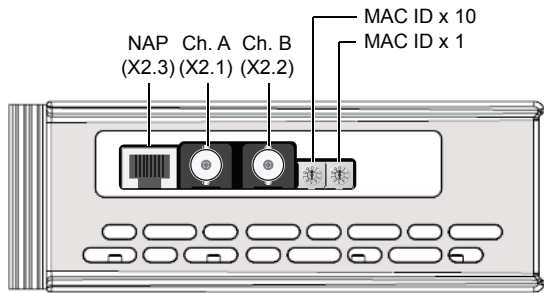
Product Overview

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

Top-mounted Interface



Bottom-mounted Interface



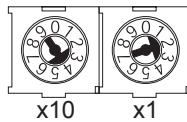
(NAP = Network Access Port)

MAC ID Switches

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

Example:

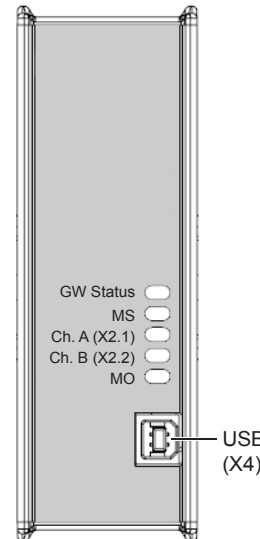
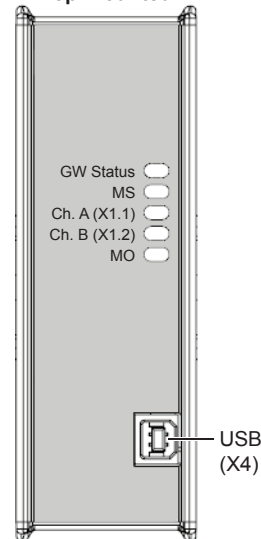
$$\text{MAC ID} = 42 \ (4 \times 10) + (2 \times 1)$$



LED Indicators

| LED | Indication | Meaning |
|-----------------|--------------------------------|-----------------------------------|
| GW Status | See Gateway Installation Sheet | |
| MS | Green | Initialized |
| | Green (flashing) | Waiting for initialization |
| | Red | Major fault, unrecoverable |
| Ch. A and Ch. B | Red (flashing) | Minor fault, recoverable |
| | Red | Major fault |
| | Red/green (alternating) | Hardware self test |
| Ch. A or Ch. B | Off | Channel disabled |
| | Green | Normal operation |
| | Green (flashing) | Temporary error or not configured |
| | Red (flashing) | No other nodes or media fault |
| MO | Red/green (alternating) | Network configuration error |
| | Off | No connection has been opened |
| | Green | A connection has been opened |

Top-mounted



Bottom-mounted

Accessories Checklist

The following items are required for installation:

- USB cable (included)
- ControlNet configuration tool (not included)
- EDS file for ControlNet (see www.anybus.com)
- ControlNet tap (not included)
- Termination resistor¹ (optional, not included)

Installation and Startup Summary

(Depending on your setup, some steps may not be required.)

1. Connect the gateway to the network
2. Select an unused MAC ID with the rotary switches
3. Attach a termination resistor¹ (optional)
4. Connect a PC to the gateway via USB (optional)
5. Power up and configure the gateway
6. Install the EDS file in the ControlNet configuration tool

¹ If 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 ControlNet fieldbus system should be addressed to ODVA at www.odva.org.



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