# Anybus® Communicator™ CAN - PROFINET® IRT (2.32) **INSTALLATION GUIDE**

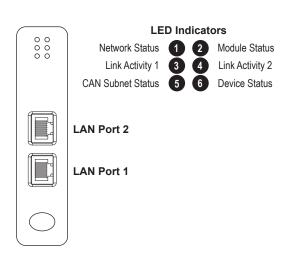


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## **Front View**

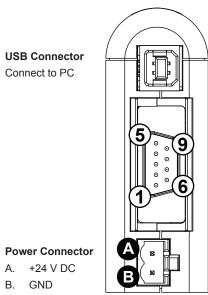


## LAN Connector (RJ-45)

Pin	Description
1	TD+
2	TD-
3	RD+
6	RD-
4, 5, 7, 8	(reserved)



## **Bottom View**



- 1. (reserved) 2. CAN\_L
- 3. CAN\_GND 4. (reserved)
- Shield
- CAN\_GND
- 7. CAN\_H
- 8. (reserved) 9. (reserved)

## **CAN Connector**

**Installation and Startup Summary** 

The following items are required for installation:

CAN cable (included D-sub can be used)

USB cable (type B) for configuration download

(available at www.anybus.com)

Ethernet cable (not included)

GSD file for PROFINET IRT (available at www.anybus.com)

Anybus Configuration Manager - Communicator CAN

- 2. Mount the gateway on the DIN rail
- Connect the USB, CAN and Ethernet cables (use terminated cables or add termination if required)

1. Build the configuration in Anybus Configuration Manager

- 4. Power on the gateway and download the configuration
- 5. Remove the USB cable

**Accessories Checklist** 

For information about how to set the IP adress and the Station Name of the PROFINET IRT module, please refer to the User Manual which can be downloaded from www.anybus.com.

## **LED Indicators**

LED	Indication	Meaning
	Off	Offline - No power - No connection with IO Controller
	Green	Online (RUN) - Connection with IO Controller
1 – Network Status	Green, 1 flash	Online (STOP) - Connection with IO Controller - IO Controller in STOP state or IO data bad - RT synchronization not finished
	Green, blinking	Node identification (see manual)
	Red	Fatal error
	Red, 1 flash	Station name error
	Red, 2 flashes	IP address error
	Red, 3 flashes	Configuration error
	Alternating red/green	Firmware update in progress
	Off	No power or initializing
	Green	Normal operation
2 – Module Status	Green, 1 flash	Diagnostic event present
	Red	Fatal error
	Alternating red/green	Firmware update in progress
	Off	Link not detected or no power
3/4 – Link Activity	Green	Link OK
	Green, flickering	Transmitting/receiving data

## **LED Indicators (continued)**

LED	Indication	Meaning
5 – CAN Subnet Status	Off	No power or no CAN communication
	Green	Running, no errors or timeout
	Red, flashing	Transaction error, timeout, or subnet stopped
	Red	Fatal error
	Off	No power or initializing
	Green	Running
6 – Device Status	Green, flashing	Idle
• - Device Status	Red	Fatal error
	Alternating red/ green	Configuration error

## **Technical Data**

- Power supply: 24 V DC ±10 %
- Power consumption: 250 mA @ 24 V DC (maximum) 100 mA @ 24 V DC (typical)
- Protective Earth (PE): Connection to PE via DIN rail

Make sure that the DIN rail is properly connected to PE!

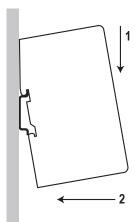
## **PROFINET Support**

Technical questions regarding the PROFINET fieldbus system should be addressed to your local PROFINET user group.

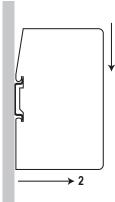
www.profibus.org

# **Anybus® Communicator™ CAN INSTALLATION GUIDE**

## **DIN Rail Mounting**



To mount the gateway on a DIN rail, first press it downwards (1) to compress the spring in the rail mechanism, then push it against the rail as to make it snap on (2).



To dismount the gateway, push it downwards (1) and pull it out from the rail (2).

# **EMC Compliance (CE)**



This product is in accordance with the EMC directive 2014/30/EU through conformance with the following standards:

- EN 61000-6-4 (2007) **Emission standard for industrial environment** EN 55016-2-3, Class A (2010) EN 55022, Class A (2011)
- EN 61000-6-2 (2005) Immunity for industrial environment EN 61000-4-2 (2009)

EN 61000-4-3 (2006) EN 61000-4-4 (2012)

EN 61000-4-5 (2014)

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EN 61000-4-6 (2014)

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