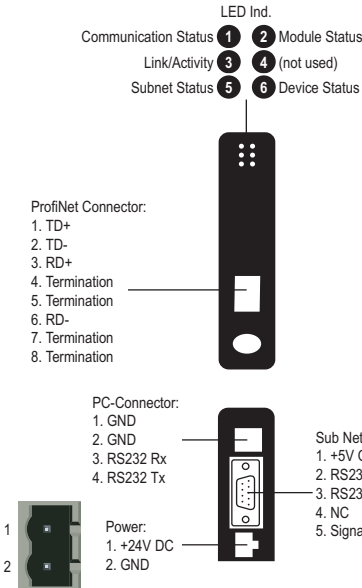
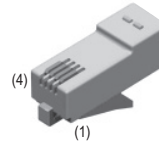


Anybus Communicator for ProfiNet

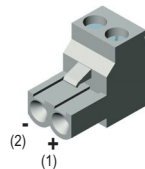
Connectors, Switches and Indicators



PC-Connector Pin layout (Male RJ11)



Power Connector Wiring



Notes:

- Use 60/75 or 75°C copper(CU) wire only
- The terminal tightening torque must be between 5-7 lbs-in (0,5-0,8 Nm)

LED Indicators

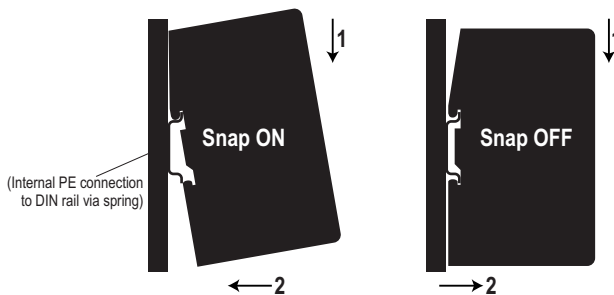
	Led (number)	Indication	Meaning
Fieldbus	Communication Status (1)	Off Green Flashing Green	Not powered / Not online On line, Connection with IO established, IO controller in run state On line, Connection with IO established, IO controller in stop state
	Module Status (2)	Off Solid Green 1 Sequential Green blink 2 Sequential Green blinks 1 Sequential Red blink 3 Sequential Red blinks 4 Sequential Red blinks	No power or module not initialized Module initialized, no errors Diagnostic data available Used by engineering tool to identify the ABC Configuration error No station name or no IP address assigned Failed to initialize Profinet IO object or no mac address
	Link Activity (3)	Off Green Flashing Green	No link. Module is connected to an Ethernet network Packet is received or transmitted
Sub Network	Subnet Status (5)	Off Flashing Green Green Red	Power off Not running Running Stopped
	Device Status (6)	Off Flashing red / green Green Flashing Green	Power off Configuration missing or invalid Initialising Configuration OK

Installation

Accessories Checklist

- Anybus Communicator for ProfiNet (ABC-PRT)
- Power Connector
- Anybus Communicator Resource CD, containing Configuration software, manuals and application notes. (Also downloadable from: www.anybus.com)
- RS232 Configuration Cable
- Sub network connector
- Fieldbus Cable and connector (Not included)

DIN Rail Installation



Installation and Startup Summary

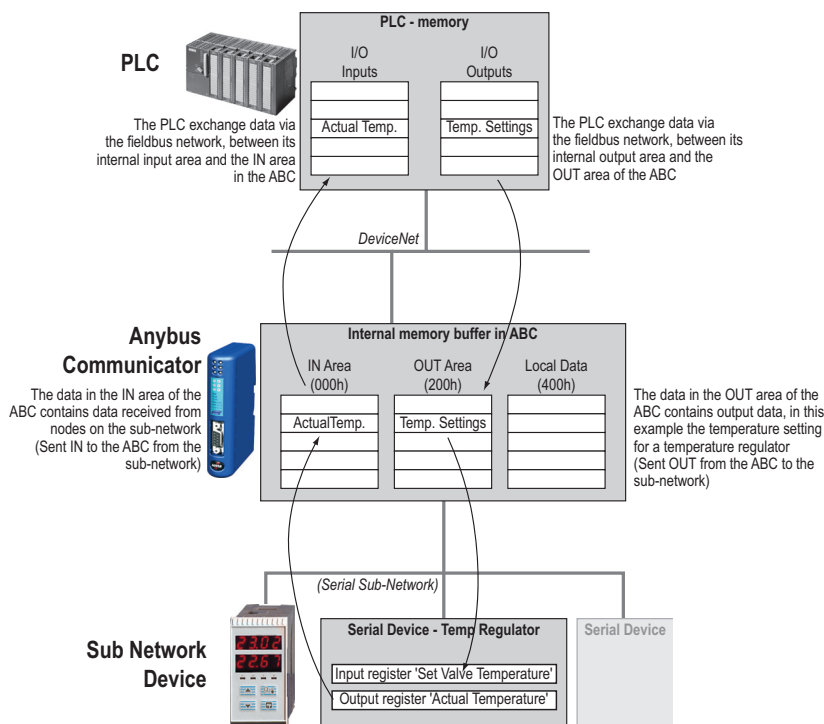
(The following steps require a working installation of the ABC Config Tool on a PC)

1. Snap the module onto the DIN rail (See above)
2. Connect the module to the ProfiNet network
3. Connect the module to the sub network
4. Connect the power cable and apply 24VDC power to the module
5. Connect the configuration cable between the module and the PC containing the ABC Config Tool software. (Note: This cable can be removed after configuration)
6. Configure the module using the ABC Config Tool
7. Configure and start the ProfiNet network

Functional Overview

For in depth information about this product, please consult the Anybus Communicator User Manual.
 (Available for download at HMS web site)

The Anybus Communicator for ProfiNet is classified as a ProfiNet slave module, i.e. it cannot originate connections on its own, but a scanner node can open a connection towards it.



Technical Specification

Dimensions

120mm x 75mm x 27 mm (L x W x H)
4.724" x 2.953" x 1.063" (L x W x H)

Power Supply

24V $\pm$ 10%

Power Consumption

Max. 280mA
Typ. 100mA

Protective Earth

Internal connection to PE via DIN rail

Operating Temperature

+5 to +55 degrees Celsius
+41 to +131 degrees Fahrenheit

Relative Humidity

5 to 95% non-condensing.

UL Compliance

The certification has been documented by
UL in file E214107

Support

HMS Sweden

Email: support@hms-networks.com
Phone: +46 (0)35-17 29 20
Fax: +46 (0)35-17 29 09
Online: www.anybus.com

HMS America

Email: us-support@hms-networks.com
Phone: +1 773 404 2271
Fax: +1 773 404 1797
Online: www.anybus.com

PROFINET

Technical questions regarding the ProfiNet
fieldbus system should be addressed to:

Online:
<http://www.profibus.com/profinet.html>

HMS Germany

Email: ge-support@hms-networks.com
Phone: +49 721 964 7218
Fax: +49 721 964 7210
Online: www.hms-networks.de

HMS Japan

Email: jp-support@hms-networks.com
Phone: +81 45 478 5340
Fax: +81 45 476 0315
Online: www.anybus.com

Communicator Downloads

The latest manuals, configuration software, etc
are available for download at the address below:
www.anybus.com - and go to the support sec-
tion.